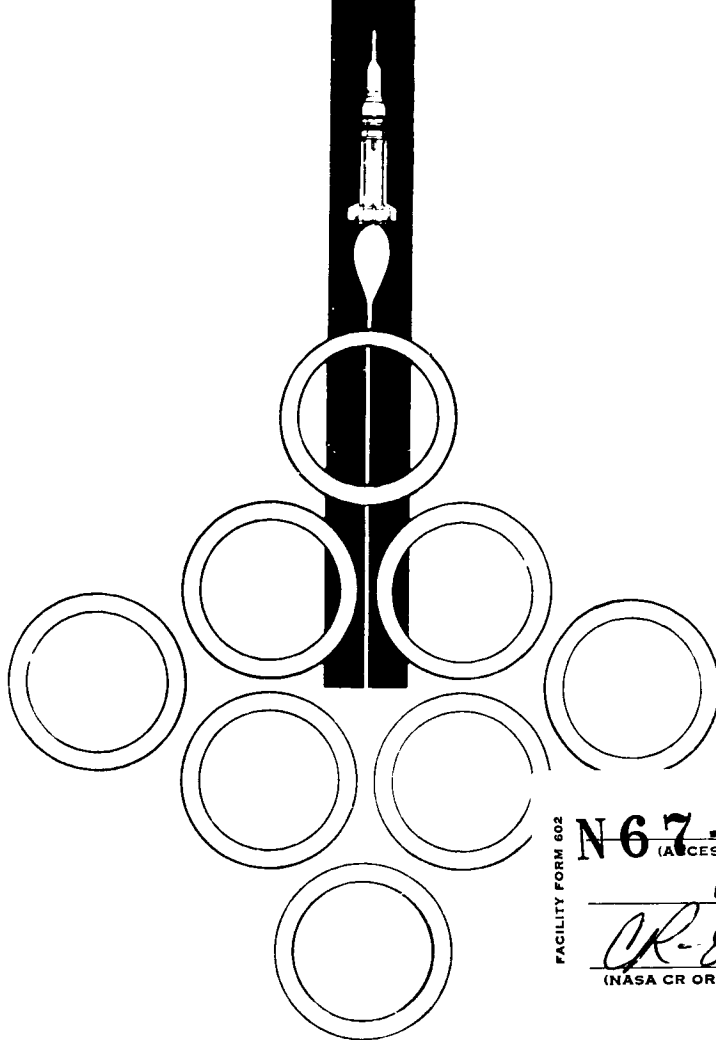




ENGINEERING DEPARTMENT
TECHNICAL NOTE

TN-AE-65-72

VOLUME VI

FACILITY FORM 602	N67-32014	_____
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**RESULTS OF A WIND TUNNEL
INVESTIGATION TO DETERMINE
THE DETAILED PRESSURE
DISTRIBUTIONS ON THE S-IB
STAGE FINS AND TAIL AREA
OF THE SATURN IB VEHICLE**

SATURN S-IB STAGE AND SATURN IB PROGRAM

SPACE DIVISION



**CHRYSLER
CORPORATION**

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TECHNICAL NOTE

TN-AE-65-72
VOLUME VI

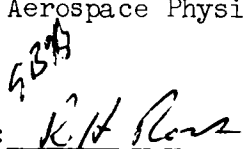
RESULTS OF A WIND TUNNEL INVESTIGATION
TO DETERMINE THE DETAILED PRESSURE DISTRIBUTIONS
ON THE S-IB STAGE FINS AND TAIL AREA OF THE
SATURN IB VEHICLE

February 15, 1965

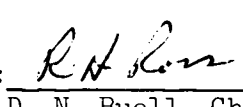
Prepared by:


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Approved by:


for D. N. Buell, Chief Engineer
Advance Engineering Branch

CHRYSLER CORPORATION SPACE DIVISION
NEW ORLEANS, LOUISIANA

FOREWORD

This is Volume VI of TN-AE-65-72. This volume contains correlation numbers 1701 through 1941. Further information is included in Volume I.

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1701
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 129.
CONFIGURATION NO. = 11.
ANGLE OF MODEL ROLL(DEG) = 450.0
MACH NUMBER = 0.900
TUNNEL DYNAMIC PRESSURE(PSF) = 684.
TUNNEL STAGNATION PRESSURE(PSF) = 2041.
TUNNEL STATIC PRESSURE(PSF) = 1207.
REYNOLDS NUMBER PER FOOT = 3.9980E 06
MODEL ANGLE OF ATTACK(DEG) = 11.99
FIN ANGLE(DEG) = -0.
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 560.

SCANIVALUE	CP(REF)
147	0.3064
247	0.5124
347	0.5124
447	0.5124
547	0.5084
647	0.5074
747	0.5074

ORF	CP	ORF	CP	ORF	CP
1	-0.0006	52	-0.0986	102	-0.0996
2	0.4334	53	-0.0956	103	-0.0986
3	0.3164	54	-0.0966	104	-0.1006
4	1.1264	55	-0.0966	105	-0.1006
5	-0.6116	56	-0.0976	110	-0.1216
6	-0.6016	57	-0.0976	111	-0.1776
7	-0.1946	58	-0.0986	112	-0.0986
8	0.1034	59	-0.0996	113	-0.1386
9	-0.5376	60	-0.0976	114	-0.1026
10	1.0104	61	-0.0976	115	-0.1006
11	0.6364	62	-0.0996	116	-0.0996
12	-0.1366	63	-0.0976	117	-0.0956
13	-0.3826	64	-0.0956	118	-0.0976
14	-0.3196	65	-0.0956	119	-0.0976
15	0.0144	66	-0.0966	120	-0.0606
16	0.0014	67	-0.0956	121	-0.0986
17	1.0384	68	-0.0946	122	-0.0996
18	-0.2276	69	-0.0936	123	-0.1016
19	0.1814	70	-0.0936	124	-0.0646
20	0.3364	71	-0.0936	125	-0.0836
21	0.5214	72	-0.0956	126	-0.0736
22	-0.4416	73	-0.0966	127	-0.0796
23	0.0104	74	-0.0956	128	-0.0426
24	-0.5336	75	-0.0986	129	-0.1176
25	-0.2316	76	-0.0986	135	-0.0386
26	0.1104	77	-0.0976	136	-0.0426
27	0.3434	78	-0.0976	137	-0.0466
28	-0.1116	79	-0.0946	138	0.0674
29	-0.3496	80	-0.0966	139	0.0604
30	-0.1386	81	-0.0986	140	0.0584
32	-0.6786	82	-0.0966	141	0.1054
33	-0.0696	83	-0.0966	142	0.0784
34	-0.3096	84	-0.0956	143	0.1264
35	0.3944	85	-0.0966	145	-0.0446
36	-0.6316	86	-0.0976	147	0.0754
37	-0.1336	87	-0.0996	151	-0.1066
38	-0.1606	88	-0.0996	152	-0.2006
39	0.3244	89	-0.0986	153	-0.2846
40	0.3184	90	-0.0966	154	-0.3216
41	-0.3306	91	-0.0976	155	0.0344
42	0.3574	92	-0.0976	156	-0.1336
43	-0.0946	93	-0.1006	157	-0.2456
44	-0.0936	94	-0.0996	158	0.1194
45	-0.0956	95	-0.0976	159	-0.0266
46	-0.0956	96	-0.0956	160	-0.0886
47	-0.0976	97	-0.0996	161	-0.1756
48	-0.0976	98	-0.0986	162	0.0854
49	-0.0976	99	-0.1006	163	0.0244
50	-0.0966	100	-0.0986	164	0.0614
51	-0.0976	101	-0.0976	165	-0.1766

ORF	CP	ORF	CP	ORF	CP
166	0.0794	217	-0.3566	268	-0.2776
167	0.0324	218	-0.2566	269	-0.3096
168	-0.0396	219	-0.1566	270	-0.1966
169	-0.1566	220	-0.1126	271	-0.0986
170	0.0494	221	-0.0886	272	-0.1496
171	-0.0066	222	-0.0396	273	-0.1916
172	-0.1426	223	0.0384	274	-0.2136
173	0.0644	224	0.0554	275	0.0904
174	-0.0136	225	0.0314	276	0.1484
175	-0.0956	226	-0.1296	277	-0.0026
176	-0.2236	227	-0.6916	278	-1.4296
177	-0.3066	228	-0.6846	279	-1.3526
178	-0.2756	229	-0.6696	280	-1.2706
179	-0.2016	230	-0.6056	281	-1.1186
180	-0.3296	231	-0.3866	282	-0.8506
181	0.0404	232	-0.2596	283	-0.4626
182	0.1774	233	-0.1576	284	-0.1626
183	0.1354	234	-0.1136	285	-0.0646
184	0.2224	235	-0.1016	286	-0.1196
185	0.2754	236	-0.0486	287	-0.1376
186	0.3254	237	0.0174	288	-0.1826
187	0.4014	238	0.0624	289	-0.2086
188	0.4654	239	-0.0386	290	-0.2426
189	0.4864	240	-0.1386	291	-0.5876
190	0.5254	241	-1.0156	292	-0.3476
191	-0.2976	242	-0.9096	325	-0.6076
192	-0.2856	244	-0.5776	326	-0.5496
193	-0.2876	245	-0.3636	327	-0.3826
194	-0.2886	246	-0.2726	328	-0.1596
195	-0.2856	247	-0.1576	329	0.1474
196	-0.3056	248	-0.1016	330	0.4974
197	-0.2916	249	-0.1406	331	0.9954
198	-0.2946	250	-0.1056	332	1.1334
199	-0.3026	251	-0.1116	333	1.1624
200	-0.3006	252	-0.1626	334	1.1764
201	-0.2916	253	0.0034	335	1.1784
202	-0.2946	254	-0.1226	336	1.1884
203	-0.2996	255	-1.4116	337	1.1924
204	-0.2976	256	-1.3166	338	1.1974
205	0.0074	257	-1.2176	339	1.1964
206	0.1434	258	-0.9966	340	1.1964
207	0.0484	259	-0.5106	341	1.1934
208	0.0724	260	-0.3526	350	-0.0996
210	0.0664	261	-0.1556	351	-0.0996
211	0.0144	262	-0.0756	352	-0.0986
212	-0.1286	263	-0.1796	353	-0.0996
213	-0.7016	264	-0.1646	354	-0.0986
214	-0.6956	265	-0.2116	355	-0.0986
215	-0.6766	266	-0.2756		
216	-0.5746	267	-0.2666		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1702
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 129.
CONFIGURATION NO. = 11.
ANGLE OF MODEL ROLL(DEG) = 450.0
MACH NUMBER = 0.896
TUNNEL DYNAMIC PRESSURE(PSF) = 680.
TUNNEL STAGNATION PRESSURE(PSF) = 2040.
TUNNEL STATIC PRESSURE(PSF) = 1212.
REYNOLDS NUMBER PER FOOT = 3.9910E 06
MODEL ANGLE OF ATTACK(DEG) = 14.15
FIN ANGLE(DEG) = -0.
FREE-STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 560.

SCANVALUE	CP(REF)
147	1.0706
247	0.5066
347	0.5056
447	0.5066
547	0.5036
647	0.5026
747	0.5026

ORF	CP	ORF	CP	ORF	CP
1	-0.3194	52	-0.1114	102	-0.1124
2	-0.3814	53	-0.1124	103	-0.1144
3	0.0096	54	-0.1124	104	-0.1154
4	0.1666	55	-0.1124	105	-0.1154
5	-0.2394	56	-0.1104	110	-0.1484
6	-0.0944	57	-0.1124	111	-0.2054
7	-0.1954	58	-0.1134	112	-0.1264
8	3.0626	59	-0.1144	113	-0.1654
9	0.8516	60	-0.1124	114	-0.1144
10	-0.2434	61	-0.1124	115	-0.1124
11	0.1746	62	-0.1094	116	-0.1124
12	0.1386	63	-0.1084	117	-0.1144
13	0.0096	64	-0.1084	118	-0.1134
14	0.0626	65	-0.1124	119	-0.1124
15	0.3816	66	-0.1124	120	-0.0634
16	0.9786	67	-0.1124	121	-0.1124
17	0.6246	68	-0.1134	122	-0.1144
18	0.7116	69	-0.1134	123	-0.1154
19	0.2116	70	-0.1144	124	-0.0804
20	0.8586	71	-0.1114	125	-0.1034
21	-0.0804	72	-0.1094	126	-0.1004
22	-0.1284	73	-0.1134	127	-0.1014
23	0.0866	74	-0.1144	128	-0.0704
24	0.3656	75	-0.1124	129	-0.1394
25	-0.3834	76	-0.1144	135	-0.0614
26	-0.3614	77	-0.1134	136	-0.0684
27	0.2266	78	-0.1124	137	-0.0674
28	0.1586	79	-0.1124	138	0.0466
29	0.3256	80	-0.1164	139	0.0416
30	0.4436	81	-0.1134	140	0.0436
32	-0.3254	82	-0.1124	141	0.1086
33	0.1946	83	-0.1134	142	0.0806
34	0.8006	84	-0.1144	143	0.1306
35	-0.1934	85	-0.1114	145	-0.0664
36	0.3286	86	-0.1104	147	0.0696
37	-0.2944	87	-0.1124	151	-0.1244
38	0.0526	88	-0.1124	152	-0.2124
39	0.2496	89	-0.1114	153	-0.2904
40	0.0246	90	-0.1134	154	-0.3354
41	0.1066	91	-0.1134	155	-0.0114
42	0.3496	92	-0.1134	156	-0.1524
43	-0.1124	93	-0.1134	157	-0.2634
44	-0.1124	94	-0.1144	158	0.0946
45	-0.1104	95	-0.1134	159	-0.0554
46	-0.1094	96	-0.1104	160	-0.1164
47	-0.1104	97	-0.1144	161	-0.2004
48	-0.1104	98	-0.1104	162	0.0716
49	-0.1094	99	-0.1114	163	0.0016
50	-0.1124	100	-0.1144	164	0.0446
51	-0.1124	101	-0.1144	165	-0.2094

ORF	CP	ORF	CP	ORF	CP
166	0.0766	217	-0.3824	268	-0.3294
167	0.0266	218	-0.2574	269	-0.3464
168	-0.0524	219	-0.1684	270	-0.2084
169	-0.1634	220	-0.1314	271	-0.1334
170	0.0296	221	-0.1064	272	-0.1804
171	-0.0164	222	-0.0554	273	-0.2194
172	-0.1664	223	0.0186	274	-0.2434
173	0.0436	224	0.0456	275	0.0636
174	-0.0314	225	-0.0154	276	0.1596
175	-0.0944	226	-0.1744	277	0.0096
176	-0.2394	227	-0.6614	278	-1.4454
177	-0.3184	228	-0.6694	279	-1.3784
178	-0.3044	229	-0.6534	280	-1.3184
179	-0.2324	230	-0.5704	281	-1.1834
180	-0.3524	231	-0.3614	282	-0.7604
181	0.0336	232	-0.2644	283	-0.5254
182	0.1586	233	-0.1664	284	-0.1784
183	0.1386	234	-0.1234	285	-0.1084
184	0.1976	235	-0.1234	286	-0.1624
185	0.2536	236	-0.0744	287	-0.1764
186	0.2866	237	-0.0004	288	-0.2174
187	0.3456	238	0.0486	289	-0.2324
188	0.4356	239	-0.0704	290	-0.2694
189	0.4826	240	-0.1544	291	-0.5754
190	0.3886	241	-0.9974	292	-0.3554
191	-0.3314	242	-0.9304	325	-0.6514
192	-0.3114	244	-0.6084	326	-0.6034
193	-0.3064	245	-0.3814	327	-0.4744
194	-0.3144	246	-0.2784	328	-0.2104
195	-0.3144	247	-0.1674	329	0.1316
196	-0.3214	248	-0.1204	330	0.5296
197	-0.3194	249	-0.1534	331	0.9896
198	-0.3204	250	-0.1244	332	1.1136
199	-0.3214	251	-0.1244	333	1.1336
200	-0.3244	252	-0.1814	334	1.1496
201	-0.3194	253	-0.0154	335	1.1516
202	-0.3204	254	-0.1504	336	1.1656
203	-0.3224	255	-1.4104	337	1.1706
204	-0.3174	256	-1.3124	338	1.1776
205	-0.0784	257	-1.2354	339	1.1796
206	0.0966	258	-1.0404	340	1.1796
207	-0.0464	259	-0.5714	341	1.1756
208	-0.0094	260	-0.4394	350	-0.1144
210	0.0466	261	-0.1894	351	-0.1134
211	-0.0084	262	-0.0884	352	-0.1144
212	-0.1614	263	-0.2354	353	-0.1144
213	-0.6724	264	-0.2054	354	-0.1154
214	-0.6614	265	-0.2414	355	-0.1134
215	-0.6544	266	-0.3094		
216	-0.5814	267	-0.3604		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1703

TUNNEL = 11

TEST NO. = 086

TEST PHASE = 2

RUN NUMBER = 129.

CONFIGURATION NO. = 11.

ANGLE OF MODEL ROLL(DEG) = 450.0

MACH NUMBER = 0.908

TUNNEL DYNAMIC PRESSURE(PSF) = 690.

TUNNEL STAGNATION PRESSURE(PSF) = 2041.

TUNNEL STATIC PRESSURE(PSF) = 1196.

REYNOLDS NUMBER PER FOOT = 4.0130E 06

MODEL ANGLE OF ATTACK(DEG) = 0.10

FIN ANGLE(DEG) = -0.

FREE STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 560.

SCANIVALUE	CP(REF)
147	1.0557
247	0.5227
347	0.5227
447	0.5237
547	0.5677
647	0.5667
747	0.5667

ORF	CP	ORF	CP	ORF	CP
1	-0.0973	52	-0.0653	102	-0.0623
2	-0.4193	53	-0.0673	103	-0.0653
3	-0.4583	54	-0.0663	104	-0.0663
4	-0.4303	55	-0.0593	105	-0.0663
5	-0.1143	56	-0.0613	110	-0.0063
6	-0.4863	57	-0.0633	111	-0.0393
7	0.0907	58	-0.0653	112	0.0047
8	-0.4173	59	-0.0653	113	-0.0153
9	-0.4163	60	-0.0643	114	-0.0263
10	-0.4623	61	-0.0653	115	-0.0273
11	-0.4843	62	-0.0663	116	-0.0273
12	-0.4803	63	-0.0693	117	-0.0303
13	-0.4873	64	-0.0643	118	-0.0313
14	-0.4263	65	-0.0673	119	-0.0283
15	-0.4543	66	-0.0603	120	-0.0243
16	-0.3453	67	-0.0603	121	-0.0253
17	0.1187	68	-0.0593	122	-0.0263
18	-0.4753	69	-0.0553	123	-0.0273
19	-0.4373	70	-0.0543	124	0.0287
20	-0.4793	71	-0.0543	125	-0.0003
21	-0.4323	72	-0.0553	126	0.0167
22	-0.1003	73	-0.0523	127	0.0057
23	-0.4963	74	-0.0513	128	0.0497
24	-0.0713	75	-0.0443	129	-0.0703
25	-0.2233	76	-0.0423	135	0.0517
26	-0.4753	77	-0.0453	136	0.0407
27	-0.3703	78	-0.0463	137	0.0477
28	-0.2533	79	-0.0463	138	0.1367
29	0.3727	80	-0.0463	139	0.1347
30	-0.4483	81	-0.0503	140	0.1317
32	-0.1643	82	-0.0493	141	0.1487
33	-0.0063	83	-0.0693	142	0.1477
34	-0.4693	84	-0.0683	143	0.1477
35	-0.1613	85	-0.0683	145	0.0417
36	-0.0583	86	-0.0693	147	0.1497
37	-0.4323	87	-0.0683	151	-0.0273
38	-0.4753	88	-0.0663	152	-0.1373
39	0.0847	89	-0.0703	153	-0.2693
40	-0.3893	90	-0.0683	154	-0.3033
41	-0.3493	91	-0.0693	155	0.3327
42	-0.3693	92	-0.0673	156	0.0317
43	-0.0673	93	-0.0663	157	-0.1263
44	-0.0663	94	-0.0663	158	0.3607
45	-0.0663	95	-0.0693	159	0.1947
46	-0.0683	96	-0.0653	160	0.1327
47	-0.0673	97	-0.0673	161	0.0097
48	-0.0643	98	-0.0703	162	0.3607
49	-0.0683	99	-0.0683	163	0.2937
50	-0.0673	100	-0.0663	164	0.1357
51	-0.0653	101	-0.0603	165	0.0357

ORF	CP	ORF	CP	ORF	CP
166	0.3417	217	-0.4053	268	-0.0573
167	0.2127	218	-0.2273	269	-0.1103
168	0.1607	219	-0.0573	270	-0.1393
169	0.0057	220	0.0067	271	-0.0443
170	0.2617	221	0.0477	272	-0.0723
171	0.0577	222	0.1447	273	-0.1113
172	-0.1233	223	0.3027	274	-0.1433
173	0.0027	224	0.3227	275	0.3467
174	-0.2053	225	0.2567	276	0.3007
175	-0.2053	226	0.0777	277	0.1237
176	-0.3233	227	-1.1173	278	-1.3683
177	-0.3063	228	-1.0053	279	-1.3103
178	-0.1103	229	-0.9053	280	-1.2333
179	-0.0343	230	-0.6663	281	-0.8823
180	-0.2303	231	-0.3333	282	-0.4303
181	0.1297	232	-0.1733	283	-0.1973
182	0.3387	233	-0.0583	284	-0.0603
183	0.3107	234	0.0067	285	-0.0013
184	0.4407	235	0.0027	286	-0.0383
185	0.5047	236	0.0907	287	-0.0483
186	0.6277	237	0.2007	288	-0.1063
187	0.7377	238	0.1467	289	-0.1443
188	0.8067	239	0.2187	290	-0.1793
189	0.8637	240	0.0717	291	-0.7513
190	0.3527	241	-0.8423	292	0.0247
191	-0.2643	242	-0.8503	325	0.1727
192	-0.2613	244	-0.6283	326	0.2027
193	-0.2583	245	-0.3033	327	0.2407
194	-0.2613	246	-0.1813	328	0.2657
195	-0.2593	247	-0.0853	329	0.3387
196	-0.2593	248	-0.0273	330	0.4227
197	-0.2543	249	-0.0363	331	0.5887
198	-0.2563	250	-0.0113	332	0.7137
199	-0.2533	251	-0.0383	333	0.8477
200	-0.2523	252	-0.0923	334	1.0307
201	-0.2443	253	0.2427	335	1.1287
202	-0.2443	254	0.0847	336	1.1677
203	-0.2473	255	-0.9103	337	1.1837
204	-0.2423	256	-0.8543	338	1.1677
205	0.2367	257	-0.8273	339	1.1747
206	0.2637	258	-0.6843	340	1.1887
207	0.2627	259	-0.3923	341	1.1977
208	0.2577	260	-0.2013	350	-0.0243
210	0.3167	261	-0.0653	351	-0.0253
211	0.2857	262	-0.0023	352	-0.0253
212	0.1127	263	-0.0723	353	-0.0263
213	-0.8733	264	-0.0423	354	-0.0283
214	-0.8723	265	-0.0913	355	-0.0273
215	-0.8433	266	-0.1363		
216	-0.6853	267	-0.0593		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1704
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 127.
CONFIGURATION NO. = 11.
ANGLE OF MODEL ROLL(DEG) = 450.0
MACH NUMBER = 0.797
TUNNEL DYNAMIC PRESSURE(PSF) = 625.
TUNNEL STAGNATION PRESSURE(PSF) = 2135.
TUNNEL STATIC PRESSURE(PSF) = 1405.
REYNOLDS NUMBER PER FOOT = 3.9960E 06
MODEL ANGLE OF ATTACK(DEG) = -14.22
FIN ANGLE(DEG) = -0.
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 557.

SCANIVALUE	CP(REF)
147	0.1420
247	0.2430
347	0.2440
447	0.2440
547	0.2340
647	0.2330
747	0.2330

ORF	CP	ORF	CP	ORF	CP
1	0.0010	52	-0.1100	102	-0.1080
2	-2.2480	53	-0.1070	103	-0.1090
3	2.3140	54	-0.1090	104	-0.1070
4	-1.3980	55	-0.1090	105	-0.1070
5	-0.6340	56	-0.1080	110	-0.1350
6	3.0650	57	-0.1090	111	-0.1520
7	3.2970	58	-0.1060	112	-0.1260
8	1.7540	59	-0.1060	113	-0.1590
9	-0.1840	60	-0.1070	114	-0.1200
10	-2.2480	61	-0.1080	115	-0.1180
11	1.4230	62	-0.1090	116	-0.1180
12	-0.3840	63	-0.1090	117	-0.1180
13	0.5290	64	-0.1070	118	-0.1180
14	-0.5920	65	-0.1070	119	-0.1190
15	-1.2140	66	-0.1090	120	-0.1410
16	-0.1520	67	-0.1070	121	-0.1190
17	-2.2480	68	-0.1070	122	-0.1210
18	-1.3430	69	-0.1060	123	-0.1200
19	2.5970	70	-0.1070	124	-0.1240
20	2.9770	71	-0.1060	125	-0.1630
21	-0.2420	72	-0.1070	126	-0.1460
22	3.0920	73	-0.1070	127	-0.1550
23	-1.1560	74	-0.1080	128	-0.0960
24	0.4870	75	-0.1070	129	-0.2230
25	1.3910	76	-0.1040	135	-0.0920
26	-0.6590	77	-0.1090	136	-0.1110
27	2.4800	78	-0.1080	137	-0.0920
28	-0.2750	79	-0.1080	138	0.0200
29	1.4280	80	-0.1100	139	0.0180
30	-0.4010	81	-0.1090	140	0.0240
32	0.4880	82	-0.1100	141	0.0920
33	3.4720	83	-0.1080	142	0.0180
34	2.5410	84	-0.1080	143	0.0610
35	3.6080	85	-0.1080	145	-0.1100
36	-0.0290	86	-0.1100	147	0.0220
37	-2.2480	87	-0.1110	151	0.2550
38	1.1700	88	-0.1090	152	0.0830
39	1.8500	89	-0.1090	153	-0.0520
40	2.0310	90	-0.1090	154	-0.1970
41	-0.6200	91	-0.1100	155	0.3050
42	-1.1630	92	-0.1080	156	0.2670
43	-0.1070	93	-0.1110	157	0.0550
44	-0.1070	94	-0.1120	158	0.4080
45	-0.1070	95	-0.1110	159	0.4290
46	-0.1080	96	-0.1080	160	0.3270
47	-0.1100	97	-0.1090	161	0.1220
48	-0.1090	98	-0.1090	162	0.4940
49	-0.1090	99	-0.1090	163	0.4370
50	-0.1090	100	-0.1070	164	0.0140
51	-0.1110	101	-0.1110	165	0.0450

ORF	CP	ORF	CP	ORF	CP
166	0.5040	217	-0.6660	268	-0.2600
167	0.1540	218	-0.3980	269	-0.2890
168	0.0630	219	-0.1410	270	-0.2610
169	-0.1240	220	-0.0470	271	-0.2190
170	-0.1170	221	0.0140	272	-0.2190
171	-0.1750	222	0.1350	273	-0.2170
172	-0.3190	223	0.3250	274	-0.2450
173	-0.2830	224	0.3610	275	0.0300
174	-0.4180	225	0.0630	276	0.1210
175	-0.5200	226	-0.1300	277	-0.1060
176	-0.4420	227	-1.0170	278	-1.0120
177	0.1030	228	-1.0090	279	-0.9590
178	0.0810	229	-1.0070	280	-0.9400
179	0.1620	230	-0.9560	281	-0.8840
180	-0.2990	231	-0.6570	282	-0.6730
181	0.3010	232	-0.3940	283	-0.4470
182	0.4650	233	-0.1990	284	-0.2740
183	0.2590	234	-0.0680	285	-0.2110
184	0.4960	235	-0.0740	286	-0.2100
185	0.5680	236	0.0250	287	-0.2080
186	0.8100	237	0.1230	288	-0.2300
187	0.9740	238	0.0460	289	-0.2430
188	1.0660	239	0.1240	290	-0.2840
189	1.0880	240	-0.0070	291	-0.5630
190	0.1050	241	-0.9250	292	0.0510
191	-0.2690	242	-0.8970	325	-0.1320
192	-0.2970	244	-0.8130	326	-0.0440
193	-0.2970	245	-0.6590	327	0.0300
194	-0.3010	246	-0.4720	328	0.2280
195	-0.2770	247	-0.2440	329	0.3320
196	-0.3120	248	-0.1440	330	0.4310
197	-0.3030	249	-0.1760	331	0.7210
198	-0.3030	250	-0.1600	332	0.8830
199	-0.3070	251	-0.2110	333	0.9770
200	-0.2960	252	-0.2670	334	1.0700
201	-0.2940	253	0.3330	335	1.1090
202	-0.3020	254	0.0510	336	1.1080
203	-0.3040	255	-1.2210	337	1.1110
204	-0.2890	256	-1.1840	338	1.1130
205	-0.0610	257	-1.1190	339	1.1180
206	-0.0850	258	-0.9090	340	1.1210
207	-0.0600	259	-0.6010	341	1.1350
208	-0.0310	260	-0.4220	350	-0.1180
210	0.3930	261	-0.2750	351	-0.1170
211	0.1750	262	-0.2100	352	-0.1200
212	-0.0320	263	-0.2990	353	-0.1200
213	-1.0190	264	-0.2430	354	-0.1190
214	-1.0500	265	-0.2640	355	-0.1190
215	-1.0380	266	-0.2810		
216	-0.9340	267	-0.2730		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1705
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 127.
CONFIGURATION NO. = 11.
ANGLE OF MODEL ROLL(DEG) = 450.0
MACH NUMBER = 0.799
TUNNEL DYNAMIC PRESSURE(PSF) = 625.
TUNNEL STAGNATION PRESSURE(PSF) = 2130.
TUNNEL STATIC PRESSURE(PSF) = 1399.
REYNOLDS NUMBER PER FOOT = 3.9960E 06
MODEL ANGLE OF ATTACK(DEG) = -12.08
FIN ANGLE(DEG) = -0.
FREE-STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 557.

SCANIVALUE	CP(REF)
147	-1.6514
247	0.2516
347	0.2526
447	0.2526
547	0.2656
647	0.2646
747	0.2656

ORF	CP	ORF	CP	ORF	CP
1	-1.6514	52	-0.0864	102	-0.0874
2	-1.6514	53	-0.0854	103	-0.0864
3	-1.6504	54	-0.0874	104	-0.0874
4	0.2526	55	-0.0844	105	-0.0854
5	-1.6514	56	-0.0864	110	-0.0874
6	-1.6514	57	-0.0844	111	-0.1094
7	-1.6514	58	-0.0844	112	-0.0784
8	-1.6524	59	-0.0834	113	-0.1004
9	-1.6524	60	-0.0864	114	-0.0744
10	-1.6524	61	-0.0844	115	-0.0724
11	-1.6514	62	-0.0844	116	-0.0714
12	0.2526	63	-0.0874	117	-0.0714
13	-1.6514	64	-0.0854	118	-0.0764
14	-1.6514	65	-0.0844	119	-0.0744
15	-1.6504	66	-0.0844	120	-0.1074
16	-1.6514	67	-0.0854	121	-0.0774
17	-1.6504	68	-0.0854	122	-0.0734
18	-1.6504	69	-0.0814	123	-0.0734
19	0.2526	70	-0.0844	124	-0.0674
20	0.2526	71	-0.0844	125	-0.1074
21	0.2526	72	-0.0864	126	-0.0914
22	0.2526	73	-0.0844	127	-0.0994
23	-1.6524	74	-0.0854	128	-0.0404
24	0.2526	75	-0.0834	129	-0.1624
25	0.2526	76	-0.0804	135	-0.0384
26	0.2526	77	-0.0824	136	-0.0534
27	-1.6514	78	-0.0854	137	-0.0394
28	-1.6524	79	-0.0854	138	0.0706
29	-1.6514	80	-0.0834	139	0.0616
30	0.2526	81	-0.0834	140	0.0746
32	-1.6504	82	-0.0854	141	0.1196
33	-1.6504	83	-0.0874	142	0.0676
34	-1.6514	84	-0.0864	143	0.0976
35	-1.6524	85	-0.0864	145	-0.0524
36	-1.6514	86	-0.0864	147	0.0686
37	-1.6514	87	-0.0864	151	0.2126
38	-1.6504	88	-0.0864	152	0.0706
39	0.2526	89	-0.0864	153	-0.0544
40	0.2526	90	-0.0884	154	-0.2084
41	0.2526	91	-0.0904	155	0.3556
42	-1.6524	92	-0.0884	156	0.2746
43	-0.0854	93	-0.0874	157	0.0486
44	-0.0844	94	-0.0894	158	0.4716
45	-0.0844	95	-0.0894	159	0.4456
46	-0.0834	96	-0.0874	160	0.3416
47	-0.0844	97	-0.0874	161	0.1366
48	-0.0854	98	-0.0884	162	0.5006
49	-0.0844	99	-0.0864	163	0.4556
50	-0.0864	100	-0.0874	164	0.0626
51	-0.0874	101	-0.0874	165	0.0736

ORF	CP	ORF	CP	ORF	CP
166	0.4726	217	-0.5974	268	-0.1894
167	0.1846	218	-0.3634	269	-0.2214
168	0.1006	219	-0.1114	270	-0.2004
169	-0.0864	220	-0.0114	271	-0.1604
170	0.0456	221	0.0546	272	-0.1684
171	-0.1084	222	0.1806	273	-0.1744
172	-0.2664	223	0.3736	274	-0.1994
173	-0.1894	224	0.4026	275	0.0806
174	-0.3504	225	0.1466	276	0.1446
175	-0.4504	226	-0.0574	277	-0.0664
176	-0.4224	227	-0.9554	278	-0.9764
177	0.0666	228	-0.9644	279	-0.9034
178	0.0436	229	-0.9464	280	-0.8794
179	0.1456	230	-0.8904	281	-0.7914
180	-0.2694	231	-0.6324	282	-0.5664
181	0.2606	232	-0.3594	283	-0.3804
182	0.4296	233	-0.1564	284	-0.1954
183	0.2796	234	-0.0334	285	-0.1434
184	0.4956	235	-0.0234	286	-0.1544
185	0.5776	236	0.0736	287	-0.1514
186	0.8396	237	0.1756	288	-0.1804
187	1.0076	238	0.1126	289	-0.2034
188	1.1006	239	0.2056	290	-0.2284
189	1.1166	240	0.0666	291	-0.5874
190	0.1356	241	-0.9254	292	0.0536
191	-0.2544	242	-0.8834	325	0.0866
192	-0.2744	244	-0.7814	326	0.1646
193	-0.2664	245	-0.5874	327	0.2206
194	-0.2744	246	-0.4034	328	0.3416
195	-0.2524	247	-0.1894	329	0.4206
196	-0.2874	248	-0.0874	330	0.5056
197	-0.2774	249	-0.1084	331	0.7066
198	-0.2774	250	-0.0844	332	0.8276
199	-0.2774	251	-0.1394	333	0.9336
200	-0.2664	252	-0.2014	334	1.0826
201	-0.2624	253	0.3506	335	1.1316
202	-0.2784	254	0.0956	336	1.1346
203	-0.2764	255	-1.0694	337	1.1376
204	-0.2654	256	-1.0434	338	1.1386
205	0.0096	257	-1.0174	339	1.1436
206	-0.0204	258	-0.9054	340	1.1466
207	0.0126	259	-0.5344	341	1.1546
208	0.0416	260	-0.3334	350	-0.0734
210	0.4256	261	-0.2014	351	-0.0734
211	0.2156	262	-0.1444	352	-0.0744
212	0.0066	263	-0.2114	353	-0.0734
213	-0.9824	264	-0.1654	354	-0.0694
214	-0.9734	265	-0.1924	355	-0.0714
215	-0.9834	266	-0.2194		
216	-0.8814	267	-0.2054		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1706
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 127.
CONFIGURATION NO. = 11.
ANGLE OF MODEL ROLL(DEG) = 450.0
MACH NUMBER = 0.801
TUNNEL DYNAMIC PRESSURE(PSF) = 628.
TUNNEL STAGNATION PRESSURE(PSF) = 2133.
TUNNEL STATIC PRESSURE(PSF) = 1398.
REYNOLDS NUMBER PER FOOT = 4.0060E 06
MODEL ANGLE OF ATTACK(DEG) = -8.08
FIN ANGLE(DEG) = -0.
FREE-STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 556.

SCANIVALUE	CP(REF)
147	-2.2261
247	0.2549
347	0.2539
447	0.2559
547	0.2569
647	0.2559
747	0.2569

ORF	CP	ORF	CP	ORF	CP
1	-0.6281	52	-0.0761	102	-0.0781
2	-1.2161	53	-0.0791	103	-0.0781
3	-0.3681	54	-0.0781	104	-0.0811
4	-2.2261	55	-0.0741	105	-0.0791
5	-0.8841	56	-0.0761	110	-0.0951
6	-2.2261	57	-0.0771	111	-0.1071
7	-2.2261	58	-0.0791	112	-0.0731
8	-1.3861	59	-0.0771	113	-0.0911
9	-2.2261	60	-0.0761	114	-0.0781
10	-0.9771	61	-0.0741	115	-0.0761
11	-2.2261	62	-0.0751	116	-0.0761
12	-2.2261	63	-0.0761	117	-0.0751
13	-2.2261	64	-0.0761	118	-0.0791
14	-2.2261	65	-0.0761	119	-0.0781
15	-0.3611	66	-0.0761	120	-0.1081
16	-2.2261	67	-0.0741	121	-0.0741
17	-1.0581	68	-0.0771	122	-0.0751
18	-0.8821	69	-0.0771	123	-0.0771
19	-1.1361	70	-0.0761	124	-0.0521
20	0.0249	71	-0.0771	125	-0.0931
21	-0.8661	72	-0.0761	126	-0.0771
22	0.1889	73	-0.0761	127	-0.0861
23	-2.2261	74	-0.0761	128	-0.0271
24	-2.2261	75	-0.0781	129	-0.1591
25	-0.5661	76	-0.0771	135	-0.0231
26	-0.4131	77	-0.0741	136	-0.0381
27	-2.2261	78	-0.0751	137	-0.0261
28	0.3259	79	-0.0741	138	0.0679
29	-0.0441	80	-0.0761	139	0.0639
30	-2.2261	81	-0.0761	140	0.0719
32	-2.2261	82	-0.0751	141	0.1029
33	-2.2261	83	-0.0811	142	0.0839
34	-1.1871	84	-0.0781	143	0.0939
35	-2.2261	85	-0.0791	145	-0.0341
36	-2.2261	86	-0.0801	147	0.0809
37	-2.2261	87	-0.0801	151	0.1249
38	-0.4991	88	-0.0791	152	0.0129
39	-2.2261	89	-0.0761	153	-0.1581
40	-2.2261	90	-0.0781	154	-0.2551
41	0.2859	91	-0.0801	155	0.4419
42	-2.2261	92	-0.0821	156	0.2289
43	-0.0791	93	-0.0771	157	0.0009
44	-0.0771	94	-0.0781	158	0.4549
45	-0.0771	95	-0.0781	159	0.3859
46	-0.0781	96	-0.0761	160	0.3019
47	-0.0781	97	-0.0761	161	0.1139
48	-0.0781	98	-0.0781	162	0.4509
49	-0.0741	99	-0.0771	163	0.4159
50	-0.0761	100	-0.0771	164	0.0679
51	-0.0771	101	-0.0761	165	0.0829

ORF	CP	ORF	CP	ORF	CP
166	0.4229	217	-0.5501	268	-0.1541
167	0.2259	218	-0.3241	269	-0.1881
168	0.1579	219	-0.1161	270	-0.1841
169	-0.0321	220	-0.0211	271	-0.1321
170	0.1619	221	0.0419	272	-0.1541
171	-0.0291	222	0.1539	273	-0.1691
172	-0.2011	223	0.3239	274	-0.1961
173	-0.0931	224	0.3479	275	0.1259
174	-0.2651	225	0.1919	276	0.1099
175	-0.3641	226	-0.0091	277	-0.0891
176	-0.3951	227	-0.8601	278	-0.9901
177	-0.0621	228	-0.8851	279	-0.9011
178	-0.0551	229	-0.8731	280	-0.8541
179	0.1109	230	-0.8151	281	-0.6651
180	-0.2631	231	-0.5731	282	-0.4021
181	0.2329	232	-0.3191	283	-0.2661
182	0.4129	233	-0.1311	284	-0.1701
183	0.2869	234	-0.0331	285	-0.1031
184	0.4649	235	-0.0111	286	-0.1261
185	0.5499	236	0.0759	287	-0.1321
186	0.7959	237	0.1689	288	-0.1691
187	1.0079	238	0.1179	289	-0.1911
188	1.1209	239	0.1799	290	-0.2181
189	1.1509	240	0.0349	291	-0.6331
190	0.1549	241	-1.0551	292	0.0239
191	-0.2311	242	-0.9671	325	0.2169
192	-0.2631	244	-0.7241	326	0.2719
193	-0.2581	245	-0.4651	327	0.2959
194	-0.2621	246	-0.2991	328	0.3519
195	-0.2461	247	-0.1441	329	0.3829
196	-0.2711	248	-0.0671	330	0.4379
197	-0.2631	249	-0.0831	331	0.5929
198	-0.2651	250	-0.0601	332	0.7519
199	-0.2661	251	-0.1041	333	0.9379
200	-0.2591	252	-0.1671	334	1.1369
201	-0.2511	253	0.2429	335	1.1609
202	-0.2601	254	0.0319	336	1.1669
203	-0.2581	255	-0.9331	337	1.1689
204	-0.2501	256	-0.9451	338	1.1689
205	0.0649	257	-0.8981	339	1.1699
206	0.0699	258	-0.7771	340	1.1729
207	0.0729	259	-0.4611	341	1.1749
208	0.0999	260	-0.2641	350	-0.0761
210	0.3779	261	-0.1451	351	-0.0741
211	0.2259	262	-0.1051	352	-0.0741
212	0.0149	263	-0.1721	353	-0.0761
213	-0.9791	264	-0.1311	354	-0.0721
214	-0.9871	265	-0.1711	355	-0.0751
215	-0.9651	266	-0.1981		
216	-0.8621	267	-0.1631		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1707
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 127.
CONFIGURATION NO. = 11.
ANGLE OF MODEL ROLL(DEG) = 450.0
MACH NUMBER = 0.804
TUNNEL DYNAMIC PRESSURE(PSF) = 631.
TUNNEL STAGNATION PRESSURE(PSF) = 2133.
TUNNEL STATIC PRESSURE(PSF) = 1393.
REYNOLDS NUMBER PER FOOT = 4.0160E 06
MODEL ANGLE OF ATTACK(DEG) = -6.02
FIN ANGLE(DEG) = -0.
FREE^oSTREAM TOTAL TEMPERATURE(DEG. RANKINE) = 556.

SCANIVALUE	CP(REF)
147	0.2624
247	0.2614
347	0.2614
447	0.2624
547	0.2834
647	0.2824
747	0.2824

ORF	CP	ORF	CP	ORF	CP
1	-1.6276	52	-0.0626	102	-0.0616
2	0.2624	53	-0.0606	103	-0.0636
3	-1.6276	54	-0.0616	104	-0.0646
4	0.2624	55	-0.0606	105	-0.0646
5	0.2624	56	-0.0596	110	-0.0686
6	0.2624	57	-0.0626	111	-0.0746
7	0.2624	58	-0.0636	112	-0.0386
8	0.2624	59	-0.0626	113	-0.0536
9	0.2624	60	-0.0606	114	-0.0436
10	0.2624	61	-0.0626	115	-0.0446
11	-1.6256	62	-0.0636	116	-0.0436
12	0.2624	63	-0.0616	117	-0.0416
13	-1.6266	64	-0.0646	118	-0.0416
14	-1.6256	65	-0.0626	119	-0.0426
15	0.2624	66	-0.0636	120	-0.0656
16	0.2624	67	-0.0646	121	-0.0426
17	0.2624	68	-0.0626	122	-0.0446
18	0.2624	69	-0.0626	123	-0.0446
19	0.2624	70	-0.0646	124	-0.0206
20	-1.6276	71	-0.0616	125	-0.0576
21	0.2624	72	-0.0596	126	-0.0356
22	0.2624	73	-0.0586	127	-0.0466
23	0.2624	74	-0.0616	128	0.0204
24	0.2624	75	-0.0616	129	-0.1166
25	0.2624	76	-0.0616	135	0.0164
26	-1.6256	77	-0.0596	136	0.0044
27	-1.6266	78	-0.0616	137	0.0184
28	0.2624	79	-0.0606	138	0.1044
29	0.2624	80	-0.0586	139	0.0994
30	-1.6266	81	-0.0616	140	0.1074
32	-1.6276	82	-0.0586	141	0.1234
33	-1.6276	83	-0.0676	142	0.1164
34	0.2624	84	-0.0696	143	0.1264
35	0.2624	85	-0.0686	145	0.0064
36	-1.6266	86	-0.0666	147	0.1184
37	0.2624	87	-0.0676	151	0.0914
38	0.2624	88	-0.0646	152	-0.0096
39	0.2624	89	-0.0656	153	-0.1836
40	0.2624	90	-0.0656	154	-0.2466
41	0.2624	91	-0.0636	155	0.3894
42	0.2624	92	-0.0626	156	0.1734
43	-0.0676	93	-0.0636	157	-0.0206
44	-0.0676	94	-0.0646	158	0.4004
45	-0.0676	95	-0.0656	159	0.3324
46	-0.0656	96	-0.0656	160	0.2744
47	-0.0656	97	-0.0646	161	0.0964
48	-0.0626	98	-0.0626	162	0.3964
49	-0.0626	99	-0.0656	163	0.3754
50	-0.0646	100	-0.0626	164	0.1044
51	-0.0636	101	-0.0636	165	0.0854

ORF	CP	ORF	CP	ORF	CP
166	0.3874	217	-0.4636	268	-0.1026
167	0.2394	218	-0.2516	269	-0.1436
168	0.1804	219	-0.0776	270	-0.1456
169	-0.0016	220	0.0004	271	-0.0876
170	0.1934	221	0.0584	272	-0.1136
171	0.0034	222	0.1664	273	-0.1326
172	-0.1616	223	0.3114	274	-0.1556
173	-0.0496	224	0.3274	275	0.1984
174	-0.2316	225	0.2344	276	0.1544
175	-0.3016	226	0.0274	277	-0.0406
176	-0.3556	227	-0.8386	278	-0.8836
177	-0.0886	228	-0.8456	279	-0.8406
178	-0.0296	229	-0.8296	280	-0.7886
179	0.1134	230	-0.7416	281	-0.6146
180	-0.2396	231	-0.4646	282	-0.3066
181	0.1824	232	-0.2386	283	-0.1986
182	0.3654	233	-0.0736	284	-0.1206
183	0.3024	234	0.0064	285	-0.0616
184	0.4604	235	0.0204	286	-0.0836
185	0.5224	236	0.0964	287	-0.0916
186	0.7174	237	0.1834	288	-0.1326
187	0.9074	238	0.1484	289	-0.1526
188	1.0704	239	0.2324	290	-0.1856
189	1.1264	240	0.0984	291	-0.5876
190	0.1814	241	-1.0196	292	0.0514
191	-0.2326	242	-0.9556	325	0.2744
192	-0.2416	244	-0.6396	326	0.3384
193	-0.2416	245	-0.3656	327	0.4044
194	-0.2436	246	-0.2216	328	0.4814
195	-0.2276	247	-0.1006	329	0.5634
196	-0.2576	248	-0.0236	330	0.6254
197	-0.2376	249	-0.0406	331	0.7874
198	-0.2416	250	-0.0206	332	0.9354
199	-0.2476	251	-0.0566	333	1.0164
200	-0.2366	252	-0.1186	334	1.1434
201	-0.2276	253	0.2274	335	1.1694
202	-0.2416	254	0.0334	336	1.1734
203	-0.2376	255	-0.8876	337	1.1764
204	-0.2276	256	-0.8676	338	1.1764
205	0.1204	257	-0.8206	339	1.1794
206	0.1354	258	-0.6516	340	1.1784
207	0.1424	259	-0.3506	341	1.1794
208	0.1474	260	-0.2086	350	-0.0416
210	0.3834	261	-0.1046	351	-0.0446
211	0.2424	262	-0.0576	352	-0.0446
212	0.0364	263	-0.1206	353	-0.0426
213	-0.8816	264	-0.0886	354	-0.0436
214	-0.8866	265	-0.1246	355	-0.0426
215	-0.8696	266	-0.1616		
216	-0.7796	267	-0.1096		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1708
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 127.
CONFIGURATION NO. = 11.
ANGLE OF MODEL ROLL(DEG) = 450.0
MACH NUMBER = 0.799
TUNNEL DYNAMIC PRESSURE(PSF) = 626.
TUNNEL STAGNATION PRESSURE(PSF) = 2133.
TUNNEL STATIC PRESSURE(PSF) = 1400.
REYNOLDS NUMBER PER FOOT = 4.0060E 06
MODEL ANGLE OF ATTACK(DEG) = -4.01
FIN ANGLE(DEG) = -0.
FREE-STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 556.

SCANIVALUE	CP(REF)
147	0.2506
247	0.2496
347	0.2496
447	0.2506
547	0.2496
647	0.2496
747	0.2496

ORF	CP	ORF	CP	ORF	CP
1	0.2506	52	-0.0754	102	-0.0744
2	0.2506	53	-0.0784	103	-0.0754
3	0.2506	54	-0.0764	104	-0.0724
4	0.2506	55	-0.0734	105	-0.0734
5	0.2506	56	-0.0734	110	-0.0934
6	0.2506	57	-0.0744	111	-0.1024
7	0.2506	58	-0.0704	112	-0.0694
8	0.2506	59	-0.0714	113	-0.0844
9	0.2506	60	-0.0754	114	-0.0764
10	0.2506	61	-0.0774	115	-0.0764
11	0.2506	62	-0.0794	116	-0.0744
12	0.2506	63	-0.0774	117	-0.0754
13	0.2506	64	-0.0774	118	-0.0744
14	0.2506	65	-0.0774	119	-0.0734
15	0.2506	66	-0.0754	120	-0.0994
16	0.2506	67	-0.0734	121	-0.0764
17	0.2506	68	-0.0704	122	-0.0784
18	0.2506	69	-0.0714	123	-0.0764
19	0.2506	70	-0.0744	124	-0.0404
20	0.2506	71	-0.0724	125	-0.0784
21	0.2506	72	-0.0714	126	-0.0554
22	0.2506	73	-0.0734	127	-0.0614
23	0.2506	74	-0.0724	128	-0.0064
24	0.2506	75	-0.0764	129	-0.1364
25	0.2506	76	-0.0754	135	-0.0084
26	0.2506	77	-0.0764	136	-0.0174
27	0.2506	78	-0.0754	137	-0.0054
28	0.2506	79	-0.0734	138	0.0766
29	0.2506	80	-0.0744	139	0.0746
30	0.2506	81	-0.0754	140	0.0846
32	0.2506	82	-0.0724	141	0.0916
33	0.2506	83	-0.0774	142	0.0946
34	0.2506	84	-0.0764	143	0.0936
35	0.2506	85	-0.0764	145	-0.0174
36	0.2506	86	-0.0744	147	0.0866
37	0.2506	87	-0.0724	151	0.0346
38	0.2506	88	-0.0774	152	-0.0964
39	0.2506	89	-0.0754	153	-0.2074
40	0.2506	90	-0.0794	154	-0.2544
41	0.2506	91	-0.0794	155	0.3026
42	0.2506	92	-0.0794	156	0.0796
43	-0.0754	93	-0.0764	157	-0.0814
44	-0.0754	94	-0.0774	158	0.3426
45	-0.0744	95	-0.0724	159	0.2456
46	-0.0734	96	-0.0784	160	0.1866
47	-0.0714	97	-0.0804	161	0.0416
48	-0.0754	98	-0.0784	162	0.3616
49	-0.0744	99	-0.0804	163	0.3076
50	-0.0704	100	-0.0774	164	0.0736
51	-0.0744	101	-0.0744	165	0.0416

ORF	CP	ORF	CP	ORF	CP
166	0.3546	217	-0.4494	268	-0.1214
167	0.2106	218	-0.2344	269	-0.1694
168	0.1566	219	-0.0914	270	-0.1824
169	-0.0134	220	-0.0244	271	-0.1024
170	0.2316	221	0.0206	272	-0.1344
171	0.0126	222	0.1126	273	-0.1684
172	-0.1554	223	0.2556	274	-0.1884
173	-0.0074	224	0.2946	275	0.2186
174	-0.2044	225	0.2436	276	0.1316
175	-0.2644	226	0.0386	277	-0.0584
176	-0.3404	227	-0.8894	278	-0.8584
177	-0.1604	228	-0.8744	279	-0.8344
178	-0.0494	229	-0.8564	280	-0.8014
179	0.0606	230	-0.7484	281	-0.6504
180	-0.2554	231	-0.4604	282	-0.3294
181	0.1146	232	-0.2484	283	-0.2054
182	0.2866	233	-0.0854	284	-0.1324
183	0.3426	234	-0.0084	285	-0.0784
184	0.4676	235	-0.0114	286	-0.1094
185	0.5396	236	0.0656	287	-0.1194
186	0.6926	237	0.1656	288	-0.1604
187	0.8566	238	0.1566	289	-0.1854
188	0.9876	239	0.2096	290	-0.2074
189	1.0546	240	0.0516	291	-0.5814
190	0.2266	241	-0.9944	292	0.0086
191	-0.2554	242	-0.9494	325	0.3236
192	-0.2534	244	-0.6324	326	0.3976
193	-0.2574	245	-0.3334	327	0.4666
194	-0.2564	246	-0.2214	328	0.5376
195	-0.2544	247	-0.1164	329	0.6416
196	-0.2674	248	-0.0504	330	0.7336
197	-0.2564	249	-0.0764	331	0.8616
198	-0.2584	250	-0.0454	332	0.9566
199	-0.2584	251	-0.0754	333	1.0196
200	-0.2594	252	-0.1384	334	1.1026
201	-0.2494	253	0.1486	335	1.1316
202	-0.2554	254	-0.0404	336	1.1476
203	-0.2584	255	-0.9024	337	1.1616
204	-0.2534	256	-0.8734	338	1.1686
205	0.1176	257	-0.7974	339	1.1716
206	0.1336	258	-0.5784	340	1.1756
207	0.1396	259	-0.3044	341	1.1766
208	0.1356	260	-0.2054	350	-0.0784
210	0.3096	261	-0.1254	351	-0.0744
211	0.1996	262	-0.0814	352	-0.0764
212	-0.0094	263	-0.1324	353	-0.0754
213	-0.8574	264	-0.1064	354	-0.0744
214	-0.8674	265	-0.1544	355	-0.0734
215	-0.8514	266	-0.1864		
216	-0.7564	267	-0.1214		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1709
 TUNNEL = 11
 TEST NO. = 086
 TEST PHASE = 2
 RUN NUMBER = 127.
 CONFIGURATION NO. = 11.
 ANGLE OF MODEL ROLL(DEG) = 450.0
 MACH NUMBER = 0.798
 TUNNEL DYNAMIC PRESSURE(PSF) = 625.
 TUNNEL STAGNATION PRESSURE(PSF) = 2133.
 TUNNEL STATIC PRESSURE(PSF) = 1401.
 REYNOLDS NUMBER PER FOOT = 4.0060E 06
 MODEL ANGLE OF ATTACK(DEG) = -1.92
 FIN ANGLE(DEG) = -0.
 FREE^oSTREAM TOTAL TEMPERATURE(DEG. RANKINE) = 556.

SCANIVALUE	CP(REF)
147	-1.6536
247	0.2474
347	0.2484
447	0.2484
547	0.2474
647	0.2464
747	0.2464

ORF	CP	ORF	CP	ORF	CP
1	-1.6546	52	-0.0806	102	-0.0796
2	-1.6536	53	-0.0776	103	-0.0816
3	0.2494	54	-0.0776	104	-0.0806
4	-1.6556	55	-0.0796	105	-0.0796
5	-1.6546	56	-0.0786	110	-0.0986
6	0.2494	57	-0.0806	111	-0.1126
7	0.2494	58	-0.0796	112	-0.0726
8	0.2494	59	-0.0786	113	-0.0886
9	-1.6546	60	-0.0796	114	-0.0836
10	-1.6536	61	-0.0796	115	-0.0836
11	-1.6546	62	-0.0776	116	-0.0836
12	-1.6536	63	-0.0766	117	-0.0836
13	-1.6556	64	-0.0806	118	-0.0846
14	-1.6556	65	-0.0786	119	-0.0836
15	-1.6536	66	-0.0806	120	-0.0966
16	-1.6536	67	-0.0806	121	-0.0836
17	0.2494	68	-0.0806	122	-0.0856
18	0.2494	69	-0.0786	123	-0.0846
19	0.2494	70	-0.0806	124	-0.0406
20	-1.6526	71	-0.0786	125	-0.0756
21	0.2494	72	-0.0776	126	-0.0546
22	-1.6526	73	-0.0786	127	-0.0636
23	0.2494	74	-0.0756	128	-0.0086
24	-1.6536	75	-0.0786	129	-0.1456
25	0.2494	76	-0.0796	135	-0.0086
26	-1.6556	77	-0.0816	136	-0.0196
27	0.2494	78	-0.0796	137	-0.0096
28	-1.6556	79	-0.0776	138	0.0714
29	-1.6556	80	-0.0766	139	0.0674
30	0.2494	81	-0.0796	140	0.0694
32	0.2494	82	-0.0786	141	0.0864
33	-1.6556	83	-0.0816	142	0.0844
34	-1.6536	84	-0.0806	143	0.0844
35	0.2494	85	-0.0766	145	-0.0226
36	-1.6556	86	-0.0776	147	0.0844
37	-1.6536	87	-0.0806	151	-0.0256
38	-1.6546	88	-0.0836	152	-0.1816
39	-1.6556	89	-0.0806	153	-0.2326
40	-1.6546	90	-0.0796	154	-0.2796
41	0.2494	91	-0.0796	155	0.2944
42	-1.6536	92	-0.0786	156	0.0314
43	-0.0796	93	-0.0816	157	-0.1206
44	-0.0796	94	-0.0806	158	0.3794
45	-0.0746	95	-0.0806	159	0.2074
46	-0.0756	96	-0.0826	160	0.1464
47	-0.0796	97	-0.0806	161	0.0104
48	-0.0816	98	-0.0776	162	0.3894
49	-0.0786	99	-0.0786	163	0.3154
50	-0.0786	100	-0.0826	164	0.0664
51	-0.0796	101	-0.0816	165	0.0304

ORF	CP	ORF	CP	ORF	CP
166	0.3774	217	-0.4156	268	-0.1236
167	0.2284	218	-0.2236	269	-0.1746
168	0.1634	219	-0.0866	270	-0.1936
169	-0.0026	220	-0.0306	271	-0.1096
170	0.2944	221	0.0104	272	-0.1426
171	0.0544	222	0.1074	273	-0.1726
172	-0.1426	223	0.2724	274	-0.1936
173	0.0064	224	0.3104	275	0.2324
174	-0.1866	225	0.2104	276	0.1514
175	-0.2426	226	0.0084	277	-0.0426
176	-0.3406	227	-0.8826	278	-0.8276
177	-0.3116	228	-0.8786	279	-0.8016
178	-0.1196	229	-0.8416	280	-0.7926
179	-0.0296	230	-0.7136	281	-0.6836
180	-0.2556	231	-0.3806	282	-0.3806
181	0.1294	232	-0.2026	283	-0.2106
182	0.3544	233	-0.0926	284	-0.1246
183	0.3714	234	-0.0286	285	-0.0696
184	0.5074	235	-0.0336	286	-0.1056
185	0.5804	236	0.0594	287	-0.1136
186	0.7374	237	0.1734	288	-0.1716
187	0.8884	238	0.1504	289	-0.1926
188	0.9684	239	0.1614	290	-0.2236
189	1.0124	240	0.0104	291	-0.6396
190	0.2954	241	-0.8546	292	-0.0076
191	-0.2686	242	-0.8396	325	0.2944
192	-0.2696	244	-0.5426	326	0.3354
193	-0.2666	245	-0.2816	327	0.3724
194	-0.2706	246	-0.1966	328	0.4054
195	-0.2696	247	-0.1266	329	0.4874
196	-0.2716	248	-0.0676	330	0.5544
197	-0.2676	249	-0.0866	331	0.7214
198	-0.2696	250	-0.0566	332	0.8144
199	-0.2716	251	-0.0936	333	0.8794
200	-0.2726	252	-0.1546	334	1.0114
201	-0.2616	253	0.1174	335	1.0804
202	-0.2666	254	-0.0686	336	1.1204
203	-0.2666	255	-0.8516	337	1.1514
204	-0.2676	256	-0.8366	338	1.1664
205	0.1264	257	-0.7826	339	1.1704
206	0.1554	258	-0.5666	340	1.1724
207	0.1544	259	-0.2806	341	1.1744
208	0.1484	260	-0.1926	350	-0.0816
210	0.2794	261	-0.1216	351	-0.0856
211	0.2094	262	-0.0746	352	-0.0866
212	0.0094	263	-0.1336	353	-0.0836
213	-0.8376	264	-0.1076	354	-0.0806
214	-0.8386	265	-0.1576	355	-0.0856
215	-0.8286	266	-0.1896		
216	-0.7376	267	-0.1236		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1710
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 127.
CONFIGURATION NO. = 11.
ANGLE OF MODEL ROLL(DEG) = 450.0
MACH NUMBER = 0.800
TUNNEL DYNAMIC PRESSURE(PSF) = 626.
TUNNEL STAGNATION PRESSURE(PSF) = 2130.
TUNNEL STATIC PRESSURE(PSF) = 1398.
REYNOLDS NUMBER PER FOOT = 4.0070E 06
MODEL ANGLE OF ATTACK(DEG) = 0.11
FIN ANGLE(DEG) = -0.
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 555.

SCANIVALUE	CP(REF)
147	0.2568
247	0.2558
347	0.2548
447	0.2558
547	0.2578
647	0.2578
747	0.2578

ORF	CP	ORF	CP	ORF	CP
1	0.2568	52	-0.0732	102	-0.0722
2	0.2568	53	-0.0732	103	-0.0732
3	0.2568	54	-0.0732	104	-0.0732
4	0.2568	55	-0.0722	105	-0.0732
5	0.2568	56	-0.0692	110	-0.0852
6	0.2568	57	-0.0702	111	-0.1062
7	0.2568	58	-0.0702	112	-0.0642
8	0.2568	59	-0.0712	113	-0.0832
9	0.2568	60	-0.0732	114	-0.0742
10	0.2568	61	-0.0722	115	-0.0712
11	0.2568	62	-0.0722	116	-0.0712
12	0.2568	63	-0.0752	117	-0.0722
13	0.2568	64	-0.0732	118	-0.0702
14	0.2568	65	-0.0722	119	-0.0712
15	0.2568	66	-0.0722	120	-0.0822
16	0.2568	67	-0.0732	121	-0.0722
17	0.2568	68	-0.0742	122	-0.0732
18	0.2568	69	-0.0752	123	-0.0732
19	0.2568	70	-0.0702	124	-0.0242
20	0.2568	71	-0.0702	125	-0.0562
21	0.2568	72	-0.0712	126	-0.0372
22	0.2568	73	-0.0752	127	-0.0522
23	0.2568	74	-0.0752	128	-0.0012
24	0.2568	75	-0.0742	129	-0.1092
25	0.2568	76	-0.0752	135	0.0088
26	0.2568	77	-0.0742	136	-0.0082
27	0.2568	78	-0.0742	137	-0.0012
28	0.2568	79	-0.0772	138	0.0848
29	0.2568	80	-0.0772	139	0.0838
30	0.2568	81	-0.0742	140	0.0828
32	0.2568	82	-0.0722	141	0.0918
33	0.2568	83	-0.0772	142	0.0928
34	0.2568	84	-0.0752	143	0.0948
35	0.2568	85	-0.0762	145	-0.0112
36	0.2568	86	-0.0762	147	0.0988
37	0.2568	87	-0.0772	151	-0.0292
38	0.2568	88	-0.0792	152	-0.1412
39	0.2568	89	-0.0782	153	-0.2652
40	0.2568	90	-0.0752	154	-0.2862
41	0.2568	91	-0.0752	155	0.2978
42	0.2568	92	-0.0752	156	0.0218
43	-0.0752	93	-0.0752	157	-0.1232
44	-0.0732	94	-0.0782	158	0.3658
45	-0.0742	95	-0.0782	159	0.1918
46	-0.0742	96	-0.0752	160	0.1278
47	-0.0752	97	-0.0752	161	-0.0032
48	-0.0772	98	-0.0772	162	0.3568
49	-0.0762	99	-0.0742	163	0.2938
50	-0.0752	100	-0.0752	164	0.0808
51	-0.0752	101	-0.0742	165	0.0228

ORF	CP	ORF	CP	ORF	CP
166	0.3608	217	-0.3382	268	-0.1022
167	0.2058	218	-0.1662	269	-0.1552
168	0.1538	219	-0.0782	270	-0.1752
169	0.0008	220	-0.0262	271	-0.0882
170	0.2848	221	0.0068	272	-0.1222
171	0.0538	222	0.1058	273	-0.1512
172	-0.1342	223	0.2658	274	-0.1762
173	-0.0032	224	0.2858	275	0.2518
174	-0.2082	225	0.1728	276	0.1928
175	-0.2102	226	-0.0242	277	-0.0072
176	-0.3152	227	-0.8382	278	-0.7982
177	-0.3202	228	-0.8062	279	-0.7832
178	-0.1452	229	-0.7682	280	-0.7692
179	-0.0372	230	-0.5812	281	-0.6862
180	-0.2532	231	-0.2642	282	-0.3882
181	0.1628	232	-0.1512	283	-0.2082
182	0.3648	233	-0.0872	284	-0.1012
183	0.3348	234	-0.0302	285	-0.0482
184	0.4598	235	-0.0342	286	-0.0842
185	0.5288	236	0.0528	287	-0.0962
186	0.6588	237	0.1598	288	-0.1492
187	0.7528	238	0.1198	289	-0.1802
188	0.8158	239	0.1568	290	-0.2142
189	0.8578	240	0.0048	291	-0.7282
190	0.3348	241	-0.7422	292	-0.0342
191	-0.2602	242	-0.7372	325	0.2258
192	-0.2672	244	-0.4762	326	0.2588
193	-0.2642	245	-0.2262	327	0.2948
194	-0.2582	246	-0.1652	328	0.3368
195	-0.2582	247	-0.1022	329	0.3888
196	-0.2612	248	-0.0612	330	0.4658
197	-0.2652	249	-0.0782	331	0.6468
198	-0.2712	250	-0.0502	332	0.7648
199	-0.2672	251	-0.0762	333	0.8508
200	-0.2662	252	-0.1322	334	0.9958
201	-0.2652	253	0.1578	335	1.1048
202	-0.2642	254	-0.0172	336	1.1478
203	-0.2612	255	-0.8432	337	1.1658
204	-0.2582	256	-0.8272	338	1.1738
205	0.1538	257	-0.7852	339	1.1768
206	0.1798	258	-0.6302	340	1.1788
207	0.1778	259	-0.3062	341	1.1788
208	0.1808	260	-0.1692	350	-0.0712
210	0.2348	261	-0.0912	351	-0.0722
211	0.1858	262	-0.0412	352	-0.0772
212	-0.0032	263	-0.1182	353	-0.0742
213	-0.7972	264	-0.0912	354	-0.0742
214	-0.8112	265	-0.1332	355	-0.0712
215	-0.7802	266	-0.1762		
216	-0.6622	267	-0.1002		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1711
 TUNNEL = 11
 TEST NO. = 086
 TEST PHASE = 2
 RUN NUMBER = 127.
 CONFIGURATION NO. = 11.
 ANGLE OF MODEL ROLL(DEG) = 450.0
 MACH NUMBER = 0.798
 TUNNEL DYNAMIC PRESSURE(PSF) = 625.
 TUNNEL STAGNATION PRESSURE(PSF) = 2130.
 TUNNEL STATIC PRESSURE(PSF) = 1400.
 REYNOLDS NUMBER PER FOOT = 4.0070E 06
 MODEL ANGLE OF ATTACK(DEG) = 2.03
 FIN ANGLE(DEG) = -0.
 FREE-STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 555.

SCANIVALUE	CP(REF)
147	-1.6510
247	0.2520
347	0.2520
447	0.2530
547	0.2510
647	0.2500
747	0.2500

ORF	CP	ORF	CP	ORF	CP
1	-1.6520	52	-0.0770	102	-0.0760
2	0.2530	53	-0.0760	103	-0.0760
3	-1.6530	54	-0.0760	104	-0.0800
4	-1.6530	55	-0.0760	105	-0.0800
5	0.2530	56	-0.0740	110	-0.0950
6	0.2530	57	-0.0750	111	-0.1170
7	0.2530	58	-0.0800	112	-0.0680
8	0.2530	59	-0.0790	113	-0.0900
9	0.2530	60	-0.0780	114	-0.0810
10	0.2530	61	-0.0770	115	-0.0790
11	0.2530	62	-0.0780	116	-0.0790
12	0.2530	63	-0.0760	117	-0.0800
13	0.2530	64	-0.0760	118	-0.0780
14	0.2530	65	-0.0740	119	-0.0780
15	0.2530	66	-0.0790	120	-0.0790
16	0.2530	67	-0.0750	121	-0.0780
17	-1.6510	68	-0.0740	122	-0.0780
18	-1.6510	69	-0.0770	123	-0.0800
19	0.2530	70	-0.0780	124	-0.0300
20	0.2530	71	-0.0750	125	-0.0660
21	0.2530	72	-0.0730	126	-0.0420
22	-1.6530	73	-0.0760	127	-0.0520
23	0.2530	74	-0.0740	128	-0.0020
24	0.2530	75	-0.0730	129	-0.1160
25	-1.6510	76	-0.0750	135	-0.0050
26	0.2530	77	-0.0730	136	-0.0140
27	0.2530	78	-0.0710	137	-0.0020
28	0.2530	79	-0.0720	138	0.0770
29	-1.6520	80	-0.0740	139	0.0760
30	-1.6510	81	-0.0750	140	0.0780
32	0.2530	82	-0.0770	141	0.0890
33	-1.6530	83	-0.0770	142	0.0850
34	-1.6520	84	-0.0780	143	0.0910
35	-1.6520	85	-0.0770	145	-0.0120
36	0.2530	86	-0.0760	147	0.0910
37	0.2530	87	-0.0770	151	-0.0350
38	0.2530	88	-0.0770	152	-0.1290
39	0.2530	89	-0.0770	153	-0.2720
40	0.2530	90	-0.0750	154	-0.2860
41	0.2530	91	-0.0780	155	0.2980
42	-1.6530	92	-0.0770	156	0.0090
43	-0.0760	93	-0.0770	157	-0.1360
44	-0.0750	94	-0.0780	158	0.3310
45	-0.0760	95	-0.0780	159	0.1600
46	-0.0760	96	-0.0770	160	0.0940
47	-0.0770	97	-0.0790	161	-0.0180
48	-0.0760	98	-0.0770	162	0.3160
49	-0.0750	99	-0.0790	163	0.2340
50	-0.0760	100	-0.0790	164	0.0740
51	-0.0760	101	-0.0770	165	-0.0150

ORF	CP	ORF	CP	ORF	CP
166	0.2970	217	-0.2620	269	-0.1560
167	0.1380	218	-0.1560	270	-0.1750
168	0.0920	219	-0.0910	271	-0.0960
169	-0.0450	220	-0.0470	272	-0.1230
170	0.2140	221	-0.0120	273	-0.1570
171	0.0090	222	0.0710	274	-0.1800
172	-0.1390	223	0.2240	275	0.2290
173	-0.0230	224	0.2560	276	0.1700
174	-0.1780	225	0.1160	277	-0.0280
175	-0.1900	226	-0.0700	278	-0.8240
176	-0.2720	227	-0.7680	279	-0.8050
177	-0.3080	228	-0.7230	280	-0.7840
178	-0.1710	229	-0.6700	281	-0.6760
179	-0.0660	230	-0.4710	282	-0.3820
180	-0.2430	231	-0.2250	283	-0.2090
181	0.1580	232	-0.1580	284	-0.1110
182	0.3550	233	-0.0940	285	-0.0570
183	0.2640	234	-0.0480	286	-0.0960
184	0.3710	235	-0.0490	287	-0.1050
185	0.4090	236	0.0180	288	-0.1550
186	0.4910	237	0.1040	289	-0.1790
187	0.5330	238	0.0590	290	-0.2150
188	0.5860	239	0.1360	291	-0.7840
189	0.6430	240	-0.0060	292	-0.0870
190	0.3460	241	-0.7840	325	0.3330
191	-0.2500	242	-0.7570	326	0.3840
192	-0.2530	244	-0.4670	327	0.4430
193	-0.2550	245	-0.2430	328	0.4880
194	-0.2550	246	-0.1730	329	0.5450
195	-0.2590	247	-0.1100	330	0.6290
196	-0.2640	248	-0.0570	331	0.8030
197	-0.2540	249	-0.0800	332	0.9190
198	-0.2570	250	-0.0440	333	1.0190
199	-0.2600	251	-0.0690	334	1.1100
200	-0.2540	252	-0.1260	335	1.1460
201	-0.2500	253	0.1720	336	1.1700
202	-0.2460	255	-0.8540	337	1.1750
203	-0.2510	256	-0.8250	338	1.1750
204	-0.2550	257	-0.7880	339	1.1770
205	0.1570	258	-0.6450	340	1.1790
206	0.1920	259	-0.3300	341	1.1780
207	0.1900	260	-0.1790	350	-0.0780
208	0.1890	261	-0.0960	351	-0.0800
210	0.1890	262	-0.0490	352	-0.0800
211	0.1430	263	-0.1240	353	-0.0780
212	-0.0390	264	-0.0890	354	-0.0750
213	-0.7560	265	-0.1340	355	-0.0770
214	-0.7480	266	-0.1740		
215	-0.7220	267	-0.1070		
216	-0.5680	268	-0.1110		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1712
 TUNNEL = 11
 TEST NO. = 086
 TEST PHASE = 2
 RUN NUMBER = 127.
 CONFIGURATION NO. = 11.
 ANGLE OF MODEL ROLL(DEG) = 450.0
 MACH NUMBER = 0.796
 TUNNEL DYNAMIC PRESSURE(PSF) = 623.
 TUNNEL STAGNATION PRESSURE(PSF) = 2131.
 TUNNEL STATIC PRESSURE(PSF) = 1403.
 REYNOLDS NUMBER PER FOOT = 4.0030E 06
 MODEL ANGLE OF ATTACK(DEG) = 4.00
 FIN ANGLE(DEG) = -0.
 FREE-STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 555.

SCANIVALUE	CP(REF)
147	0.2490
247	0.2470
347	0.2480
447	0.2490
547	0.2370
647	0.2360
747	0.2360

ORF	CP	ORF	CP	ORF	CP
1	-1.6640	52	-0.0790	102	-0.0800
2	-1.6620	53	-0.0810	103	-0.0820
3	0.2490	54	-0.0800	104	-0.0820
4	0.2490	55	-0.0820	105	-0.0800
5	0.2490	56	-0.0790	110	-0.1100
6	-1.6630	57	-0.0810	111	-0.1360
7	-1.6610	58	-0.0800	112	-0.0810
8	-1.6610	59	-0.0790	113	-0.1120
9	0.2490	60	-0.0780	114	-0.0880
10	-1.6640	61	-0.0780	115	-0.0900
11	-1.6640	62	-0.0790	116	-0.0910
12	0.2490	63	-0.0770	117	-0.0890
13	0.2490	64	-0.0770	118	-0.0900
14	0.2490	65	-0.0810	119	-0.0890
15	0.2490	66	-0.0800	120	-0.0830
16	0.2490	67	-0.0810	121	-0.0910
17	-1.6630	68	-0.0790	122	-0.0900
18	0.2490	69	-0.0790	123	-0.0870
19	0.2490	70	-0.0770	124	-0.0450
20	-1.6630	71	-0.0790	125	-0.0770
21	0.2490	72	-0.0820	126	-0.0560
22	-1.6630	73	-0.0800	127	-0.0720
23	-1.6630	74	-0.0790	128	-0.0240
24	0.2490	75	-0.0800	129	-0.1260
25	0.2490	76	-0.0810	135	-0.0160
26	-1.6620	77	-0.0810	136	-0.0230
27	0.2490	78	-0.0830	137	-0.0260
28	0.2490	79	-0.0800	138	0.0650
29	0.2490	80	-0.0800	139	0.0610
30	0.2490	81	-0.0800	140	0.0640
32	-1.6630	82	-0.0770	141	0.0810
33	0.2490	83	-0.0780	142	0.0790
34	0.2490	84	-0.0780	143	0.0820
35	-1.6610	85	-0.0810	145	-0.0320
36	-1.6620	86	-0.0810	147	0.0730
37	0.2490	87	-0.0800	151	-0.0350
38	0.2490	88	-0.0800	152	-0.1390
39	0.2490	89	-0.0800	153	-0.2640
40	0.2490	90	-0.0810	154	-0.2770
41	0.2490	91	-0.0800	155	0.2280
42	-1.6640	92	-0.0820	156	-0.0190
43	-0.0770	93	-0.0800	157	-0.1560
44	-0.0770	94	-0.0780	158	0.2450
45	-0.0800	95	-0.0780	159	0.0860
46	-0.0800	96	-0.0780	160	0.0300
47	-0.0780	97	-0.0780	161	-0.0830
48	-0.0790	98	-0.0780	162	0.2330
49	-0.0800	99	-0.0800	163	0.1520
50	-0.0770	100	-0.0800	164	0.0580
51	-0.0770	101	-0.0820	165	-0.0650

ORF	CP	ORF	CP	ORF	CP
166	0.2060	217	-0.2370	268	-0.1360
167	0.0910	218	-0.1670	269	-0.1780
168	0.0420	219	-0.1130	270	-0.1900
169	-0.0730	220	-0.0700	271	-0.1160
170	0.1600	221	-0.0430	272	-0.1500
171	-0.0050	222	0.0290	273	-0.1720
172	-0.1430	223	0.1470	274	-0.1970
173	-0.0030	224	0.1700	275	0.1670
174	-0.0560	225	0.0670	276	0.1120
175	-0.1800	226	-0.1060	277	-0.0750
176	-0.2480	227	-0.7460	278	-0.8490
177	-0.2840	228	-0.7050	279	-0.8230
178	-0.2240	229	-0.6330	280	-0.7980
179	-0.1060	230	-0.4240	281	-0.6320
180	-0.2530	231	-0.2360	282	-0.3280
181	0.1660	232	-0.1740	283	-0.2050
182	0.3240	233	-0.1200	284	-0.1410
183	0.2000	234	-0.0710	285	-0.0840
184	0.2810	235	-0.0640	286	-0.1230
185	0.2880	236	-0.0030	287	-0.1260
186	0.3390	237	0.0560	288	-0.1750
187	0.3970	238	0.0460	289	-0.2000
188	0.5070	239	0.1340	290	-0.2140
189	0.5650	240	-0.0070	291	-0.7880
190	0.3100	241	-0.8490	292	-0.1400
191	-0.2470	242	-0.8050	325	0.3440
192	-0.2460	244	-0.5110	326	0.4510
193	-0.2490	245	-0.2710	327	0.5670
194	-0.2490	246	-0.1920	328	0.6550
195	-0.2530	247	-0.1190	329	0.7810
196	-0.2620	248	-0.0690	330	0.8850
197	-0.2530	249	-0.0990	331	1.0130
198	-0.2500	250	-0.0650	332	1.0890
199	-0.2500	251	-0.0830	333	1.1220
200	-0.2570	252	-0.1350	334	1.1580
201	-0.2530	253	0.1220	335	1.1660
202	-0.2480	254	-0.0500	336	1.1750
203	-0.2530	255	-0.8420	337	1.1750
204	-0.2540	256	-0.8080	338	1.1750
205	0.1340	257	-0.7680	339	1.1760
206	0.1750	258	-0.6050	340	1.1750
207	0.1720	259	-0.3250	341	1.1740
208	0.1670	260	-0.2070	350	-0.0890
210	0.1120	261	-0.1250	351	-0.0880
211	0.0640	262	-0.0800	352	-0.0880
212	-0.0950	263	-0.1400	353	-0.0910
213	-0.7020	264	-0.1200	354	-0.0880
214	-0.6950	265	-0.1590	355	-0.0870
215	-0.6640	266	-0.1870		
216	-0.4820	267	-0.1330		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1713
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 127.
CONFIGURATION NO. = 11.
ANGLE OF MODEL ROLL(DEG) = 450.0
MACH NUMBER = 0.794
TUNNEL DYNAMIC PRESSURE(PSF) = 620.
TUNNEL STAGNATION PRESSURE(PSF) = 2131.
TUNNEL STATIC PRESSURE(PSF) = 1407.
REYNOLDS NUMBER PER FOOT = 3.9970E 06
MODEL ANGLE OF ATTACK(DEG) = 5.95
FIN ANGLE(DEG) = -0.
FREE⁰STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 555.

SCANIVALUE	CP(REF)
147	0.2406
247	0.2396
347	0.2406
447	0.2416
547	0.2256
647	0.2256
747	0.2256

ORF	CP	ORF	CP	ORF	CP
1	0.2406	52	-0.0854	102	-0.0904
2	0.2406	53	-0.0894	103	-0.0914
3	0.2406	54	-0.0894	104	-0.0874
4	0.2406	55	-0.0874	105	-0.0904
5	0.2406	56	-0.0894	110	-0.1304
6	0.2406	57	-0.0894	111	-0.1564
7	0.2406	58	-0.0854	112	-0.1024
8	0.2406	59	-0.0884	113	-0.1324
9	0.2406	60	-0.0874	114	-0.1074
10	0.2406	61	-0.0894	115	-0.1064
11	0.2406	62	-0.0894	116	-0.1074
12	0.2406	63	-0.0874	117	-0.1054
13	0.2406	64	-0.0884	118	-0.1044
14	0.2406	65	-0.0874	119	-0.1074
15	0.2406	66	-0.0874	120	-0.0964
16	0.2406	67	-0.0884	121	-0.1054
17	0.2406	68	-0.0874	122	-0.1064
18	0.2406	69	-0.0894	123	-0.1064
19	0.2406	70	-0.0894	124	-0.0654
20	0.2406	71	-0.0894	125	-0.0934
21	0.2406	72	-0.0884	126	-0.0754
22	0.2406	73	-0.0904	127	-0.0854
23	0.2406	74	-0.0914	128	-0.0404
24	0.2406	75	-0.0864	129	-0.1374
25	0.2406	76	-0.0904	135	-0.0444
26	0.2406	77	-0.0914	136	-0.0484
27	0.2406	78	-0.0934	137	-0.0394
28	0.2406	79	-0.0944	138	0.0486
29	0.2406	80	-0.0944	139	0.0446
30	0.2406	81	-0.0914	140	0.0456
32	0.2406	82	-0.0924	141	0.0666
33	0.2406	83	-0.0904	142	0.0506
34	0.2406	84	-0.0904	143	0.0696
35	0.2406	85	-0.0914	145	-0.0484
36	0.2406	86	-0.0904	147	0.0506
37	0.2406	87	-0.0904	151	-0.0594
38	0.2406	88	-0.0874	152	-0.1614
39	0.2406	89	-0.0914	153	-0.2584
40	0.2406	90	-0.0894	154	-0.2894
41	0.2406	91	-0.0904	155	0.1306
42	0.2406	92	-0.0894	156	-0.0734
43	-0.0904	93	-0.0874	157	-0.1944
44	-0.0894	94	-0.0884	158	0.1626
45	-0.0894	95	-0.0904	159	0.0216
46	-0.0894	96	-0.0904	160	-0.0344
47	-0.0894	97	-0.0904	161	-0.1294
48	-0.0874	98	-0.0884	162	0.1586
49	-0.0904	99	-0.0904	163	0.1006
50	-0.0874	100	-0.0894	164	0.0416
51	-0.0864	101	-0.0894	165	-0.1054

ORF	CP	ORF	CP	ORF	CP
166	0.1536	217	-0.2464	268	-0.1684
167	0.0826	218	-0.1854	269	-0.2044
168	0.0366	219	-0.1404	270	-0.2104
169	-0.0854	220	-0.0984	271	-0.1434
170	0.1616	221	-0.0654	272	-0.1674
171	0.0296	222	-0.0084	273	-0.1994
172	-0.1224	223	0.0876	274	-0.2174
173	0.0346	224	0.1086	275	0.1016
174	-0.0474	225	0.0446	276	0.0716
175	-0.1594	226	-0.1154	277	-0.1054
176	-0.2574	227	-0.7674	278	-0.8914
177	-0.2784	228	-0.7364	279	-0.8474
178	-0.2374	229	-0.6624	280	-0.8274
179	-0.1474	230	-0.4584	281	-0.6214
180	-0.2784	231	-0.2774	282	-0.3454
181	0.0946	232	-0.2094	283	-0.2404
182	0.2356	233	-0.1424	284	-0.1754
183	0.1736	234	-0.0954	285	-0.1074
184	0.2446	235	-0.0884	286	-0.1454
185	0.2846	236	-0.0254	287	-0.1504
186	0.3856	237	0.0466	288	-0.1844
187	0.5176	238	0.0646	289	-0.2064
188	0.6816	239	0.1226	290	-0.2344
189	0.7836	240	-0.0054	291	-0.7594
190	0.3356	241	-0.8874	292	-0.1964
191	-0.2464	242	-0.8484	325	0.1396
192	-0.2534	244	-0.5694	326	0.2756
193	-0.2574	245	-0.3214	327	0.4216
194	-0.2574	246	-0.2244	328	0.5456
195	-0.2514	247	-0.1534	329	0.7146
196	-0.2724	248	-0.1044	330	0.8276
197	-0.2644	249	-0.1284	331	1.0436
198	-0.2624	250	-0.0964	332	1.1186
199	-0.2684	251	-0.1104	333	1.1506
200	-0.2684	252	-0.1654	334	1.1556
201	-0.2674	253	0.0356	335	1.1566
202	-0.2634	254	-0.1264	336	1.1636
203	-0.2624	255	-0.8594	337	1.1656
204	-0.2584	256	-0.8024	338	1.1646
205	0.0986	257	-0.7464	339	1.1656
206	0.1506	258	-0.5514	340	1.1626
207	0.1266	259	-0.3224	341	1.1626
208	0.1306	260	-0.2384	350	-0.1064
210	0.0656	261	-0.1594	351	-0.1074
211	0.0126	262	-0.1134	352	-0.1084
212	-0.1394	263	-0.1684	353	-0.1054
213	-0.6754	264	-0.1434	354	-0.1064
214	-0.6714	265	-0.1844	355	-0.1064
215	-0.6174	266	-0.2104		
216	-0.4554	267	-0.1654		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1714
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 127.
CONFIGURATION NO. = 11.
ANGLE OF MODEL ROLL(DEG) = 450.0
MACH NUMBER = 0.796
TUNNEL DYNAMIC PRESSURE(PSF) = 621.
TUNNEL STAGNATION PRESSURE(PSF) = 2127.
TUNNEL STATIC PRESSURE(PSF) = 1401.
REYNOLDS NUMBER PER FOOT = 3.9980E 06
MODEL ANGLE OF ATTACK(DEG) = 7.90
FIN ANGLE(DEG) = -0.
FREE*STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 555.

SCANIVALUE	CP(REF)
147	0.2520
247	0.2510
347	0.2500
447	0.2510
547	0.2500
647	0.2490
747	0.2490

ORF	CP	ORF	CP	ORF	CP
1	0.2510	52	-0.0830	102	-0.0860
2	0.2530	53	-0.0870	103	-0.0880
3	0.2530	54	-0.0890	104	-0.0890
4	-1.6670	55	-0.0850	105	-0.0870
5	-1.6670	56	-0.0850	110	-0.1110
6	0.2540	57	-0.0860	111	-0.1430
7	-1.6670	58	-0.0860	112	-0.0890
8	-1.6670	59	-0.0860	113	-0.1160
9	0.2510	60	-0.0880	114	-0.0850
10	0.2520	61	-0.0850	115	-0.0840
11	0.2540	62	-0.0850	116	-0.0830
12	0.2510	63	-0.0900	117	-0.0870
13	0.2540	64	-0.0860	118	-0.0870
14	0.2510	65	-0.0860	119	-0.0870
15	-1.6670	66	-0.0850	120	-0.0690
16	-1.6670	67	-0.0850	121	-0.0890
17	0.2530	68	-0.0840	122	-0.0870
18	-1.6670	69	-0.0880	123	-0.0890
19	-1.6670	70	-0.0860	124	-0.0500
20	-1.6670	71	-0.0840	125	-0.0760
21	0.2510	72	-0.0860	126	-0.0640
22	0.2530	73	-0.0880	127	-0.0660
23	0.2530	74	-0.0860	128	-0.0270
24	0.2510	75	-0.0890	129	-0.1090
25	0.2540	76	-0.0880	135	-0.0260
26	0.2530	77	-0.0870	136	-0.0320
27	-1.6670	78	-0.0910	137	-0.0300
28	0.2530	79	-0.0890	138	0.0700
29	0.2520	80	-0.0890	139	0.0590
30	0.2540	81	-0.0870	140	0.0660
32	-1.6670	82	-0.0840	141	0.0860
33	0.2530	83	-0.0890	142	0.0740
34	0.2530	84	-0.0900	143	0.0990
35	0.2530	85	-0.0880	145	-0.0320
36	0.2530	86	-0.0860	147	0.0650
37	-1.6670	87	-0.0880	151	-0.0530
38	-1.6670	88	-0.0860	152	-0.1720
39	-1.6670	89	-0.0870	153	-0.2420
40	-1.6670	90	-0.0860	154	-0.2830
41	0.2520	91	-0.0910	155	0.0730
42	0.2520	92	-0.0890	156	-0.1020
43	-0.0870	93	-0.0840	157	-0.2100
44	-0.0890	94	-0.0850	158	0.1390
45	-0.0870	95	-0.0900	159	0.0070
46	-0.0850	96	-0.0880	160	-0.0530
47	-0.0850	97	-0.0880	161	-0.1490
48	-0.0850	98	-0.0920	162	0.1520
49	-0.0850	99	-0.0870	163	0.0960
50	-0.0880	100	-0.0890	164	0.0590
51	-0.0830	101	-0.0860	165	-0.1130

DRF	CP	DRF	CP	DRF	CP
166	0.1690	217	-0.2300	268	-0.1660
167	0.0940	218	-0.1810	269	-0.2110
168	0.0360	219	-0.1260	270	-0.1860
169	-0.0740	220	-0.0870	271	-0.1280
170	0.1520	221	-0.0560	272	-0.1490
171	0.0270	222	-0.0020	273	-0.1790
172	-0.1260	223	0.0920	274	-0.1990
173	0.0190	224	0.1280	275	0.0930
174	-0.0640	225	0.0610	276	0.0860
175	-0.1660	226	-0.0920	277	-0.0900
176	-0.2450	227	-0.7630	278	-0.8980
177	-0.2730	228	-0.7350	279	-0.8740
178	-0.2450	229	-0.6780	280	-0.8410
179	-0.1660	230	-0.4830	281	-0.6380
180	-0.2850	231	-0.2760	282	-0.3580
181	0.0740	232	-0.1930	283	-0.2500
182	0.2120	233	-0.1260	284	-0.1650
183	0.1760	234	-0.0920	285	-0.1030
184	0.2640	235	-0.0890	286	-0.1340
185	0.3040	236	-0.0170	287	-0.1340
186	0.4070	237	0.0470	288	-0.1740
187	0.5410	238	0.0740	289	-0.1970
188	0.6670	239	0.0760	290	-0.2160
189	0.7460	240	-0.0500	291	-0.7040
190	0.4000	241	-0.8020	292	-0.2310
191	-0.2460	242	-0.7750	325	-0.1300
192	-0.2550	244	-0.4730	326	0.0180
193	-0.2590	245	-0.2740	327	0.2190
194	-0.2590	246	-0.2060	328	0.3900
195	-0.2450	247	-0.1420	329	0.5990
196	-0.2720	248	-0.0960	330	0.8050
197	-0.2610	249	-0.1220	331	1.0740
198	-0.2620	250	-0.0800	332	1.1350
199	-0.2630	251	-0.0920	333	1.1490
200	-0.2630	252	-0.1430	334	1.1540
201	-0.2610	253	-0.0020	335	1.1540
202	-0.2650	254	-0.1420	336	1.1610
203	-0.2690	255	-0.8610	337	1.1630
204	-0.2620	256	-0.7920	338	1.1660
205	0.0880	257	-0.7190	339	1.1660
206	0.1530	258	-0.5100	340	1.1650
207	0.1170	259	-0.2980	341	1.1620
208	0.1290	260	-0.2160	350	-0.0860
210	0.0710	261	-0.1540	351	-0.0860
211	0.0190	262	-0.1020	352	-0.0870
212	-0.1340	263	-0.1590	353	-0.0910
213	-0.6720	264	-0.1330	354	-0.0870
214	-0.6600	265	-0.1750	355	-0.0890
215	-0.6190	266	-0.2090		
216	-0.4370	267	-0.1780		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1715
 TUNNEL = 11
 TEST NO. = 086
 TEST PHASE = 2
 RUN NUMBER = 127.
 CONFIGURATION NO. = 11.
 ANGLE OF MODEL ROLL(DEG) = 450.0
 MACH NUMBER = 0.794
 TUNNEL DYNAMIC PRESSURE(PSF) = 620.
 TUNNEL STAGNATION PRESSURE(PSF) = 2127.
 TUNNEL STATIC PRESSURE(PSF) = 1403.
 REYNOLDS NUMBER PER FOOT = 3.9940E 06
 MODEL ANGLE OF ATTACK(DEG) = 11.97
 FIN ANGLE(DEG) = -0.
 FREE STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 555.

SCANIVALUE	CP(REF)
147	-0.3269
247	0.2491
347	0.2491
447	0.2501
547	0.2561
647	0.2561
747	0.2551

ORF	CP	ORF	CP	ORF	CP
1	-1.3839	52	-0.0969	102	-0.1009
2	-2.2629	53	-0.0989	103	-0.0999
3	0.5731	54	-0.0989	104	-0.1009
4	-0.3879	55	-0.0999	105	-0.1009
5	-3.3279	56	-0.0989	110	-0.1259
6	0.7861	57	-0.0979	111	-0.1619
7	0.7841	58	-0.0999	112	-0.0999
8	-2.6269	59	-0.0989	113	-0.1439
9	-4.3689	60	-0.0989	114	-0.1089
10	-0.0979	61	-0.0979	115	-0.1089
11	-2.2629	62	-0.0999	116	-0.1079
12	0.8671	63	-0.0969	117	-0.1099
13	-2.1299	64	-0.0969	118	-0.1109
14	0.6771	65	-0.0959	119	-0.1119
15	-2.2629	66	-0.0999	120	-0.0719
16	-2.3099	67	-0.0979	121	-0.1079
17	0.5601	68	-0.0969	122	-0.1069
18	-2.2629	69	-0.0959	123	-0.1099
19	-3.1799	70	-0.0969	124	-0.0769
20	-2.2629	71	-0.0979	125	-0.0969
21	-2.5029	72	-0.0949	126	-0.0899
22	-2.2629	73	-0.0979	127	-0.0959
23	0.7461	74	-0.0989	128	-0.0559
24	-0.7859	75	-0.0989	129	-0.1479
25	0.7871	76	-0.0969	135	-0.0469
26	-3.9039	77	-0.1019	136	-0.0599
27	-2.2629	78	-0.0989	137	-0.0599
28	0.6981	79	-0.0949	138	0.0511
29	-3.3359	80	-0.0999	139	0.0521
30	0.7951	81	-0.0999	140	0.0451
32	-2.2629	82	-0.0999	141	0.0871
33	-2.8499	83	-0.0989	142	0.0741
34	-1.6679	84	-0.0979	143	0.1101
35	-1.7529	85	-0.1009	145	-0.0599
36	-2.4199	86	-0.0989	147	0.0681
37	0.8971	87	-0.0999	151	-0.0839
38	-1.3949	88	-0.1009	152	-0.1969
39	0.6271	89	-0.0999	153	-0.2559
40	-2.2629	90	-0.0979	154	-0.2969
41	-1.9679	91	-0.1009	155	0.0241
42	-4.5569	92	-0.1009	156	-0.1159
43	-0.0969	93	-0.0989	157	-0.2339
44	-0.0969	94	-0.0969	158	0.1311
45	-0.0989	95	-0.1009	159	-0.0349
46	-0.0979	96	-0.0979	160	-0.0929
47	-0.0969	97	-0.0999	161	-0.1779
48	-0.0979	98	-0.0989	162	0.1111
49	-0.0979	99	-0.1029	163	0.0261
50	-0.0989	100	-0.0999	164	0.0481
51	-0.0949	101	-0.1019	165	-0.1699

ORF	CP	ORF	CP	ORF	CP
166	0.1011	217	-0.2649	268	-0.3039
167	0.0211	218	-0.1989	269	-0.3069
168	-0.0499	219	-0.1439	270	-0.2049
169	-0.1599	220	-0.1099	271	-0.1469
170	0.0341	221	-0.0839	272	-0.1829
171	-0.0219	222	-0.0349	273	-0.2029
172	-0.1579	223	0.0581	274	-0.2249
173	0.0511	224	0.0881	275	0.0451
174	-0.0399	225	0.0101	276	0.0931
175	-0.1089	226	-0.1499	277	-0.0899
176	-0.2309	227	-0.6789	278	-1.0639
177	-0.2959	228	-0.6619	279	-1.0069
178	-0.2849	229	-0.6249	280	-0.9789
179	-0.2159	230	-0.5009	281	-0.8309
180	-0.3089	231	-0.2699	282	-0.5309
181	0.0501	232	-0.2039	283	-0.3679
182	0.1821	233	-0.1489	284	-0.2099
183	0.1491	234	-0.1099	285	-0.1369
184	0.2341	235	-0.1099	286	-0.1799
185	0.2711	236	-0.0569	287	-0.1869
186	0.3221	237	0.0211	288	-0.2129
187	0.3791	238	0.0541	289	-0.2219
188	0.4291	239	-0.0519	290	-0.2389
189	0.4391	240	-0.1519	291	-0.6789
190	0.4441	241	-0.7779	292	-0.2929
191	-0.2739	242	-0.6489	325	-0.4659
192	-0.2709	244	-0.3809	326	-0.2549
193	-0.2679	245	-0.2889	327	0.0231
194	-0.2749	246	-0.2379	328	0.2681
195	-0.2699	247	-0.1659	329	0.5591
196	-0.2909	248	-0.1249	330	0.7941
197	-0.2829	249	-0.1579	331	1.0561
198	-0.2859	250	-0.1199	332	1.0961
199	-0.2869	251	-0.1239	333	1.1081
200	-0.2809	252	-0.1759	334	1.1191
201	-0.2809	253	-0.0209	335	1.1201
202	-0.2769	254	-0.1599	336	1.1341
203	-0.2919	255	-0.8839	337	1.1391
204	-0.2829	256	-0.8529	338	1.1441
205	-0.0339	257	-0.8069	339	1.1451
206	0.1011	258	-0.6459	340	1.1461
207	0.0031	259	-0.3899	341	1.1421
208	0.0231	260	-0.2809	350	-0.1129
210	0.0471	261	-0.1859	351	-0.1079
211	-0.0009	262	-0.1289	352	-0.1079
212	-0.1459	263	-0.1979	353	-0.1089
213	-0.6799	264	-0.1769	354	-0.1069
214	-0.6639	265	-0.2129	355	-0.1059
215	-0.6299	266	-0.2669		
216	-0.4629	267	-0.3039		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1716
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 127.
CONFIGURATION NO. = 11.
ANGLE OF MODEL ROLL(DEG) = 450.0
MACH NUMBER = 0.799
TUNNEL DYNAMIC PRESSURE(PSF) = 624.
TUNNEL STAGNATION PRESSURE(PSF) = 2127.
TUNNEL STATIC PRESSURE(PSF) = 1396.
REYNOLDS NUMBER PER FOOT = 4.0060E 06
MODEL ANGLE OF ATTACK(DEG) = 14.17
FIN ANGLE(DEG) = -0.
FREE*STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 555.

SCANIVALUE	CP(REF)
147	-6.9142
247	0.2548
347	0.2568
447	0.2568
547	0.2628
647	0.2618
747	0.2618

ORF	CP	ORF	CP	ORF	CP
1	1.1498	52	-0.1152	102	-0.1102
2	-0.7822	53	-0.1122	103	-0.1122
3	-2.2372	54	-0.1092	104	-0.1142
4	-9.2262	55	-0.1102	105	-0.1152
5	-8.8982	56	-0.1092	110	-0.1392
6	-7.2442	57	-0.1112	111	-0.1842
7	-2.2372	58	-0.1142	112	-0.1222
8	-9.4272	59	-0.1152	113	-0.1512
9	-9.3462	60	-0.1132	114	-0.1092
10	-9.2592	61	-0.1112	115	-0.1082
11	-6.3772	62	-0.1122	116	-0.1072
12	-1.2162	63	-0.1092	117	-0.1072
13	-9.3742	64	-0.1082	118	-0.1052
14	-2.2372	65	-0.1082	119	-0.1072
15	-2.2372	66	-0.1112	120	-0.0362
16	-9.0252	67	-0.1102	121	-0.1082
17	-2.2372	68	-0.1092	122	-0.1082
18	-4.1072	69	-0.1102	123	-0.1072
19	-8.6232	70	-0.1112	124	-0.0902
20	0.2148	71	-0.1122	125	-0.1142
21	-5.8612	72	-0.1132	126	-0.1092
22	-2.2372	73	-0.1112	127	-0.1082
23	-9.3492	74	-0.1102	128	-0.0642
24	-6.6762	75	-0.1142	129	-0.1532
25	-5.3902	76	-0.1152	135	-0.0622
26	-5.5922	77	-0.1132	136	-0.0652
27	-4.5012	78	-0.1112	137	-0.0602
28	-3.6882	79	-0.1102	138	0.0508
29	0.7508	80	-0.1092	139	0.0478
30	-9.0782	81	-0.1112	140	0.0388
32	-2.2372	82	-0.1092	141	0.0948
33	-8.8142	83	-0.1122	142	0.0668
34	-0.3852	84	-0.1122	143	0.1258
35	-5.7202	85	-0.1122	145	-0.0552
36	-2.4592	86	-0.1122	147	0.0698
37	-8.4952	87	-0.1102	151	-0.1052
38	-6.9732	88	-0.1122	152	-0.2092
39	-6.1952	89	-0.1132	153	-0.2622
40	-1.7812	90	-0.1092	154	-0.3112
41	-6.3132	91	-0.1092	155	-0.0292
42	1.2528	92	-0.1122	156	-0.1612
43	-0.1112	93	-0.1152	157	-0.2562
44	-0.1112	94	-0.1142	158	0.1008
45	-0.1112	95	-0.1112	159	-0.0702
46	-0.1122	96	-0.1082	160	-0.1232
47	-0.1092	97	-0.1122	161	-0.2062
48	-0.1112	98	-0.1102	162	0.0798
49	-0.1122	99	-0.1132	163	0.0038
50	-0.1092	100	-0.1142	164	0.0438
51	-0.1132	101	-0.1112	165	-0.2102

ORF	CP	ORF	CP	ORF	CP
166	0.0828	217	-0.2672	268	-0.3232
167	0.0128	218	-0.2002	269	-0.3212
168	-0.0542	219	-0.1492	270	-0.2032
169	-0.1692	220	-0.1222	271	-0.1712
170	0.0268	221	-0.0972	272	-0.1892
171	-0.0192	222	-0.0482	273	-0.2082
172	-0.1602	223	0.0378	274	-0.2292
173	0.0388	224	0.0688	275	0.0078
174	-0.0442	225	-0.0172	276	0.1348
175	-0.1152	226	-0.1672	277	-0.0832
176	-0.2432	227	-0.6402	278	-0.9942
177	-0.3142	228	-0.6262	279	-0.9772
178	-0.2982	229	-0.5892	280	-0.9552
179	-0.2342	230	-0.4482	281	-0.8862
180	-0.3432	231	-0.2672	282	-0.6142
181	0.0368	232	-0.1992	283	-0.4092
182	0.1638	233	-0.1472	284	-0.2122
183	0.1688	234	-0.1152	285	-0.1562
184	0.2418	235	-0.1142	286	-0.1962
185	0.2898	236	-0.0612	287	-0.1862
186	0.3168	237	0.0238	288	-0.2162
187	0.3928	238	0.0648	289	-0.2222
188	0.4688	239	-0.0682	290	-0.2592
189	0.4958	240	-0.1562	291	-0.6372
190	0.3768	241	-0.8212	292	-0.2982
191	-0.3022	242	-0.6842	325	-0.5652
192	-0.2892	244	-0.4252	326	-0.3102
193	-0.2922	245	-0.2922	327	0.0218
194	-0.2972	246	-0.2392	328	0.2898
195	-0.2912	247	-0.1672	329	0.5598
196	-0.3112	248	-0.1292	330	0.8138
197	-0.2982	249	-0.1602	331	1.0008
198	-0.2972	250	-0.1282	332	1.0468
199	-0.3012	251	-0.1272	333	1.0678
200	-0.2982	252	-0.1762	334	1.0898
201	-0.2952	253	-0.0282	335	1.0928
202	-0.3042	254	-0.1782	336	1.1108
203	-0.3022	255	-0.9022	337	1.1158
204	-0.3032	256	-0.8702	338	1.1228
205	-0.1062	257	-0.8372	339	1.1258
206	0.0608	258	-0.7362	340	1.1278
207	-0.0812	259	-0.4762	341	1.1238
208	-0.0452	260	-0.3422	350	-0.1082
210	0.0298	261	-0.2032	351	-0.1072
211	-0.0302	262	-0.1382	352	-0.1052
212	-0.1682	263	-0.2472	353	-0.1072
213	-0.6552	264	-0.2112	354	-0.1102
214	-0.6462	265	-0.2362	355	-0.1092
215	-0.6112	266	-0.2822		
216	-0.4562	267	-0.3792		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1717

TUNNEL = 11

TEST NO. = 086

TEST PHASE = 2

RUN NUMBER = 127.

CONFIGURATION NO. = 11.

ANGLE OF MODEL ROLL(DEG) = 450.0

MACH NUMBER = 0.796

TUNNEL DYNAMIC PRESSURE(PSF) = 621.

TUNNEL STAGNATION PRESSURE(PSF) = 2126.

TUNNEL STATIC PRESSURE(PSF) = 1400.

REYNOLDS NUMBER PER FOOT = 3.9940E 06

MODEL ANGLE OF ATTACK(DEG) = 0.11

FIN ANGLE(DEG) = -0.

FREE-STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 555.

SCANVALUE	CP(REF)
147	0.2556
247	0.2546
347	0.2546
447	0.2546
547	0.2316
647	0.2316
747	0.2316

ORF	CP	ORF	CP	ORF	CP
1	-1.6634	52	-0.0714	102	-0.0744
2	0.2556	53	-0.0734	103	-0.0704
3	0.2556	54	-0.0684	104	-0.0714
4	-1.6654	55	-0.0734	105	-0.0704
5	0.2556	56	-0.0714	110	-0.1254
6	-1.6654	57	-0.0674	111	-0.1384
7	-1.6634	58	-0.0704	112	-0.0954
8	0.2556	59	-0.0694	113	-0.1134
9	-1.6644	60	-0.0694	114	-0.1054
10	-1.6654	61	-0.0704	115	-0.1074
11	-1.6644	62	-0.0734	116	-0.1084
12	-1.6654	63	-0.0724	117	-0.1064
13	-1.6654	64	-0.0714	118	-0.1104
14	-1.6634	65	-0.0734	119	-0.1104
15	0.2556	66	-0.0694	120	-0.1134
16	-1.6654	67	-0.0724	121	-0.1094
17	-1.6634	68	-0.0704	122	-0.1064
18	-1.6644	69	-0.0724	123	-0.1074
19	0.2556	70	-0.0694	124	-0.0604
20	-1.6644	71	-0.0684	125	-0.0944
21	0.2556	72	-0.0694	126	-0.0724
22	-1.6654	73	-0.0704	127	-0.0854
23	0.2556	74	-0.0704	128	-0.0434
24	0.2556	75	-0.0784	129	-0.1544
25	0.2556	76	-0.0774	135	-0.0324
26	-1.6654	77	-0.0764	136	-0.0414
27	0.2556	78	-0.0714	137	-0.0324
28	0.2556	79	-0.0724	138	0.0526
29	-1.6654	80	-0.0734	139	0.0476
30	0.2556	81	-0.0724	140	0.0476
32	-1.6634	82	-0.0714	141	0.0636
33	0.2556	83	-0.0774	142	0.0636
34	-1.6634	84	-0.0764	143	0.0626
35	-1.6654	85	-0.0764	145	-0.0444
36	-1.6644	86	-0.0774	147	0.0646
37	-1.6634	87	-0.0784	151	-0.0264
38	-1.6654	88	-0.0754	152	-0.1374
39	-1.6644	89	-0.0744	153	-0.2614
40	-1.6654	90	-0.0754	154	-0.2874
41	0.2556	91	-0.0704	155	0.2946
42	0.2556	92	-0.0754	156	0.0226
43	-0.0754	93	-0.0734	157	-0.1284
44	-0.0734	94	-0.0754	158	0.3696
45	-0.0754	95	-0.0764	159	0.1876
46	-0.0764	96	-0.0724	160	0.1376
47	-0.0764	97	-0.0734	161	0.0026
48	-0.0754	98	-0.0734	162	0.3676
49	-0.0714	99	-0.0744	163	0.2906
50	-0.0734	100	-0.0724	164	0.0456
51	-0.0744	101	-0.0734	165	0.0256

ORF	CP	ORF	CP	ORF	CP
166	0.3546	217	-0.3574	268	-0.1354
167	0.2086	218	-0.2054	269	-0.1884
168	0.1566	219	-0.1174	270	-0.2054
169	-0.0014	220	-0.0664	271	-0.1254
170	0.2836	221	-0.0284	272	-0.1564
171	0.0446	222	0.0706	273	-0.1904
172	-0.1314	223	0.2336	274	-0.2124
173	-0.0044	224	0.2616	275	0.2226
174	-0.1874	225	0.1336	276	0.1526
175	-0.2074	226	-0.0574	277	-0.0464
176	-0.3064	227	-0.8674	278	-0.8534
177	-0.3264	228	-0.8374	279	-0.8214
178	-0.1454	229	-0.7994	280	-0.8174
179	-0.0394	230	-0.6074	281	-0.7164
180	-0.2564	231	-0.2894	282	-0.4154
181	0.1676	232	-0.1934	283	-0.2354
182	0.3756	233	-0.1204	284	-0.1384
183	0.3376	234	-0.0634	285	-0.1214
184	0.4656	235	-0.0704	286	-0.1234
185	0.5326	236	0.0156	287	-0.1374
186	0.6656	237	0.1256	288	-0.1874
187	0.7466	238	0.0916	289	-0.2154
188	0.7976	239	0.1166	290	-0.2444
189	0.8466	240	-0.0254	291	-0.7634
190	0.3386	241	-0.7854	292	-0.0694
191	-0.2534	242	-0.7714	325	0.2266
192	-0.2574	244	-0.5114	326	0.2666
193	-0.2584	245	-0.2654	327	0.2876
194	-0.2554	246	-0.2054	328	0.3466
195	-0.2524	247	-0.1384	329	0.3966
196	-0.2594	248	-0.0944	330	0.4716
197	-0.2574	249	-0.1154	331	0.6176
198	-0.2604	250	-0.0854	332	0.7566
199	-0.2634	251	-0.1154	333	0.8486
200	-0.2624	252	-0.1674	334	1.0116
201	-0.2594	253	0.1316	335	1.0956
202	-0.2564	254	-0.0544	336	1.1476
203	-0.2594	255	-0.8634	337	1.1676
204	-0.2644	256	-0.8474	338	1.1766
205	0.1166	257	-0.8084	339	1.1766
206	0.1426	258	-0.6574	340	1.1776
207	0.1456	259	-0.3334	341	1.1776
208	0.1396	260	-0.2054	350	-0.1094
210	0.1956	261	-0.1284	351	-0.1074
211	0.1536	262	-0.0804	352	-0.1094
212	-0.0344	263	-0.1564	353	-0.1104
213	-0.8414	264	-0.1214	354	-0.1084
214	-0.8324	265	-0.1654	355	-0.1094
215	-0.8104	266	-0.2054		
216	-0.6824	267	-0.1354		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1718
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 126.
CONFIGURATION NO. = 11.
ANGLE OF MODEL ROLL(DEG) = 450.0
MACH NUMBER = 0.702
TUNNEL DYNAMIC PRESSURE(PSF) = 566.
TUNNEL STAGNATION PRESSURE(PSF) = 2280.
TUNNEL STATIC PRESSURE(PSF) = 1641.
REYNOLDS NUMBER PER FOOT = 4.0230E 06
MODEL ANGLE OF ATTACK(DEG) = -14.22
FIN ANGLE(DEG) = -0.
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 552.

SCANIVALUE	CP(REF)
147	-2.2533
247	-0.1473
347	-0.1463
447	-0.1473
547	-0.1363
647	-0.1363
747	-0.1373

ORF	CP	ORF	CP	ORF	CP
1	-2.2533	52	-0.0943	102	-0.0963
2	-0.1453	53	-0.0983	103	-0.0983
3	-0.1443	54	-0.0973	104	-0.0953
4	-0.1463	55	-0.0973	105	-0.0953
5	-2.2533	56	-0.0953	110	-0.1003
6	-2.2533	57	-0.0983	111	-0.1153
7	-2.2533	58	-0.0953	112	-0.0963
8	-2.2533	59	-0.0943	113	-0.1283
9	-2.2533	60	-0.0963	114	-0.0833
10	-2.2533	61	-0.0953	115	-0.0803
11	-2.2533	62	-0.0953	116	-0.0813
12	-0.1453	63	-0.0943	117	-0.0843
13	-2.2533	64	-0.0963	118	-0.0863
14	-2.2533	65	-0.0983	119	-0.0883
15	-2.2533	66	-0.0993	120	-0.0443
16	-0.1443	67	-0.0973	121	-0.0843
17	-2.2533	68	-0.0973	122	-0.0813
18	-0.1443	69	-0.0963	123	-0.0833
19	-2.2533	70	-0.0963	124	-0.0953
20	-2.2533	71	-0.0963	125	-0.1273
21	-2.2533	72	-0.0963	126	-0.1093
22	-0.1453	73	-0.0963	127	-0.1133
23	-0.1463	74	-0.0933	128	-0.1013
24	-2.2533	75	-0.0953	129	-0.0443
25	-2.2533	76	-0.0943	135	-0.0553
26	-2.2533	77	-0.0923	136	-0.0723
27	-2.2533	78	-0.0943	137	-0.0593
28	-2.2533	79	-0.0933	138	0.0607
29	-0.1463	80	-0.0933	139	0.0527
30	-0.1453	81	-0.0943	140	0.0637
32	-2.2533	82	-0.0943	141	0.1297
33	-0.1453	83	-0.0973	142	0.0517
34	-0.1463	84	-0.0993	143	0.0947
35	-0.1443	85	-0.0983	145	-0.0773
36	-2.2533	86	-0.0973	147	0.0517
37	-2.2533	87	-0.0973	151	0.2527
38	-2.2533	88	-0.1003	152	0.0667
39	-0.1463	89	-0.0973	153	-0.0583
40	-0.1443	90	-0.0993	154	-0.1893
41	-2.2533	91	-0.0973	155	0.2867
42	-2.2533	92	-0.0993	156	0.2577
43	-0.0953	93	-0.0953	157	0.0427
44	-0.0983	94	-0.0963	158	0.4467
45	-0.0983	95	-0.0993	159	0.4217
46	-0.0973	96	-0.0963	160	0.3137
47	-0.0963	97	-0.0963	161	0.1027
48	-0.1003	98	-0.0953	162	0.5467
49	-0.0963	99	-0.0963	163	0.4367
50	-0.0983	100	-0.0973	164	0.0517
51	-0.0963	101	-0.0973	165	0.0387

ORF	CP	ORF	CP	ORF	CP
166	0.5217	217	-0.5203	268	-0.2243
167	0.1257	218	-0.2313	269	-0.2463
168	0.0447	219	-0.0843	270	-0.2113
169	-0.1273	220	-0.0083	271	-0.1813
170	-0.1083	221	0.0507	272	-0.1913
171	-0.1743	222	0.1687	273	-0.1783
172	-0.2923	223	0.3817	274	-0.1963
173	-0.2893	224	0.4457	275	0.0177
174	-0.4323	225	0.0617	276	0.0947
175	-0.4703	226	-0.1563	277	-0.1573
176	-0.4303	227	-0.9793	278	-1.0183
177	0.0707	228	-0.9843	279	-0.9343
178	0.0157	229	-0.9763	280	-0.9213
179	0.1117	230	-0.8913	281	-0.7793
180	-0.2803	231	-0.4603	282	-0.4903
181	0.3327	232	-0.2583	283	-0.3033
182	0.4947	233	-0.1283	284	-0.2193
183	0.2687	234	-0.0243	285	-0.2203
184	0.5247	235	-0.0523	286	-0.1763
185	0.5737	236	0.0517	287	-0.1713
186	0.8357	237	0.1627	288	-0.1863
187	0.9547	238	0.0827	289	-0.1993
188	1.0317	239	0.1277	290	-0.2383
189	1.0517	240	-0.0263	291	-0.5073
190	0.1337	241	-0.8593	292	0.0787
191	-0.2493	242	-0.8653	325	0.0707
192	-0.2773	244	-0.7693	326	0.1467
193	-0.2793	245	-0.5293	327	0.1947
194	-0.2753	246	-0.3283	328	0.3357
195	-0.2533	247	-0.1783	329	0.4457
196	-0.2893	248	-0.1043	330	0.5167
197	-0.2803	249	-0.1503	331	0.7027
198	-0.2783	250	-0.1363	332	0.8447
199	-0.2763	251	-0.1843	333	0.9187
200	-0.2743	252	-0.2263	334	1.0337
201	-0.2553	253	0.2967	335	1.0707
202	-0.2813	254	0.0027	336	1.0727
203	-0.2713	255	-1.0823	337	1.0757
204	-0.2623	256	-1.0783	338	1.0767
205	-0.0343	257	-1.0533	339	1.0847
206	-0.0523	258	-0.8173	340	1.0897
207	-0.0313	259	-0.4413	341	1.1047
208	0.0057	260	-0.2913	350	-0.0863
210	0.4057	261	-0.2093	351	-0.0873
211	0.1527	262	-0.1593	352	-0.0863
212	-0.0773	263	-0.2733	353	-0.0893
213	-0.8813	264	-0.2023	354	-0.0903
214	-0.8793	265	-0.2163	355	-0.0883
215	-0.8933	266	-0.2333		
216	-0.8463	267	-0.2403		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1719
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 126.
CONFIGURATION NO. = 11.
ANGLE OF MODEL ROLL(DEG) = 450.0
MACH NUMBER = 0.701
TUNNEL DYNAMIC PRESSURE(PSF) = 564.
TUNNEL STAGNATION PRESSURE(PSF) = 2276.
TUNNEL STATIC PRESSURE(PSF) = 1640.
REYNOLDS NUMBER PER FOOT = 4.0190E 06
MODEL ANGLE OF ATTACK(DEG) = -12.10
FIN ANGLE(DEG) = -0.
FREE^oSTREAM TOTAL TEMPERATURE(DEG. RANKINE) = 551.

SCANIVALUE	CP(REF)
147	-0.1448
247	-0.1428
347	-0.1428
447	-0.1428
547	-0.1528
647	-0.1528
747	-0.1528

ORF	CP	ORF	CP	ORF	CP
1	-2.2588	52	-0.0968	102	-0.1018
2	-0.1428	53	-0.0988	103	-0.0988
3	-0.1448	54	-0.0978	104	-0.1008
4	-2.2588	55	-0.0958	105	-0.1008
5	-0.1428	56	-0.0998	110	-0.1308
6	-0.1448	57	-0.0978	111	-0.1448
7	-2.2588	58	-0.0988	112	-0.1178
8	-2.2588	59	-0.0978	113	-0.1428
9	-0.1438	60	-0.0968	114	-0.1048
10	-2.2588	61	-0.0978	115	-0.1008
11	-2.2588	62	-0.0988	116	-0.1008
12	-2.2588	63	-0.0978	117	-0.1018
13	-2.2588	64	-0.0948	118	-0.0988
14	-2.2588	65	-0.0948	119	-0.0968
15	-2.2588	66	-0.1008	120	-0.0948
16	-2.2588	67	-0.1008	121	-0.1088
17	-2.2588	68	-0.0968	122	-0.1058
18	-2.2588	69	-0.0978	123	-0.1058
19	-2.2588	70	-0.0978	124	-0.1138
20	-2.2588	71	-0.0968	125	-0.1478
21	-2.2588	72	-0.0998	126	-0.1288
22	-2.2588	73	-0.0968	127	-0.1378
23	-2.2588	74	-0.0968	128	-0.1778
24	-0.1438	75	-0.0988	129	-0.1028
25	-2.2588	76	-0.0988	135	-0.0738
26	-2.2588	77	-0.0988	136	-0.0938
27	-2.2588	78	-0.1028	137	-0.0788
28	-0.1448	79	-0.1018	138	0.0272
29	-2.2588	80	-0.0988	139	0.0212
30	-2.2588	81	-0.0998	140	0.0342
32	-2.2588	82	-0.1008	141	0.0752
33	-2.2588	83	-0.0968	142	0.0312
34	-2.2588	84	-0.0958	143	0.0572
35	-0.1438	85	-0.0928	145	-0.0958
36	-0.1438	86	-0.0948	147	0.0232
37	-2.2588	87	-0.0968	151	0.1952
38	-0.1448	88	-0.0958	152	0.0292
39	-2.2588	89	-0.0968	153	-0.0728
40	-2.2588	90	-0.0958	154	-0.2138
41	-2.2588	91	-0.0988	155	0.3062
42	-2.2588	92	-0.0998	156	0.2662
43	-0.0958	93	-0.0978	157	0.0262
44	-0.0948	94	-0.0978	158	0.4702
45	-0.0918	95	-0.0978	159	0.4262
46	-0.0928	96	-0.0968	160	0.3092
47	-0.0958	97	-0.0988	161	0.0992
48	-0.0948	98	-0.0998	162	0.5092
49	-0.0968	99	-0.0988	163	0.4142
50	-0.0948	100	-0.0988	164	0.0192
51	-0.0968	101	-0.0978	165	0.0282

ORF	CP	ORF	CP	ORF	CP
166	0.4612	217	-0.5578	268	-0.2298
167	0.1482	218	-0.2938	269	-0.2578
168	0.0652	219	-0.1158	270	-0.2288
169	-0.1108	220	-0.0418	271	-0.1998
170	0.0192	221	0.0122	272	-0.2088
171	-0.1368	222	0.1302	273	-0.2078
172	-0.2698	223	0.3352	274	-0.2288
173	-0.2238	224	0.3762	275	0.0412
174	-0.4068	225	0.0762	276	0.0512
175	-0.4388	226	-0.1528	277	-0.1688
176	-0.4208	227	-0.9628	278	-1.0148
177	0.0222	228	-0.9618	279	-0.9458
178	-0.0658	229	-0.9548	280	-0.9098
179	0.0452	230	-0.8848	281	-0.7148
180	-0.2788	231	-0.5228	282	-0.4368
181	0.2872	232	-0.2838	283	-0.2988
182	0.4602	233	-0.1528	284	-0.2128
183	0.2632	234	-0.0568	285	-0.2038
184	0.4942	235	-0.0658	286	-0.1868
185	0.5812	236	0.0272	287	-0.1838
186	0.8332	237	0.1322	288	-0.2058
187	0.9822	238	0.0622	289	-0.2298
188	1.0562	239	0.1302	290	-0.2558
189	1.0682	240	-0.0248	291	-0.5668
190	0.1422	241	-0.9238	292	0.0452
191	-0.2438	242	-0.8988	325	0.1842
192	-0.2758	244	-0.7558	326	0.2472
193	-0.2738	245	-0.4828	327	0.2792
194	-0.2748	246	-0.3108	328	0.3932
195	-0.2468	247	-0.1698	329	0.4592
196	-0.2938	248	-0.0978	330	0.4952
197	-0.2778	249	-0.1368	331	0.6712
198	-0.2818	250	-0.1158	332	0.7692
199	-0.2848	251	-0.1588	333	0.8682
200	-0.2748	252	-0.2118	334	1.0232
201	-0.2688	253	0.2402	335	1.0832
202	-0.2858	254	-0.0288	336	1.0862
203	-0.2798	255	-1.0138	337	1.0902
204	-0.2678	256	-1.0148	338	1.0922
205	-0.0268	257	-0.9878	339	1.0982
206	-0.0538	258	-0.8658	340	1.1002
207	-0.0278	259	-0.4428	341	1.1102
208	-0.0018	260	-0.2988	350	-0.0998
210	0.3592	261	-0.2148	351	-0.0978
211	0.1262	262	-0.1718	352	-0.0988
212	-0.1018	263	-0.2598	353	-0.0948
213	-0.8958	264	-0.2068	354	-0.0958
214	-0.8958	265	-0.2318	355	-0.0948
215	-0.8998	266	-0.2548		
216	-0.8598	267	-0.2438		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1720
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 126.
CONFIGURATION NO. = 11.
ANGLE OF MODEL ROLL(DEG) = 450.0
MACH NUMBER = 0.698
TUNNEL DYNAMIC PRESSURE(PSF) = 559.
TUNNEL STAGNATION PRESSURE(PSF) = 2269.
TUNNEL STATIC PRESSURE(PSF) = 1638.
REYNOLDS NUMBER PER FOOT = 4.0040E 06
MODEL ANGLE OF ATTACK(DEG) = -8.11
FIN ANGLE(DEG) = -0.
FREE^oSTREAM TOTAL TEMPERATURE(DEG. RANKINE) = 551.

SCANIVALUE	CP(REF)
147	-0.1432
247	-0.1442
347	-0.1432
447	-0.1422
547	-0.1412
647	-0.1402
747	-0.1412

ORF	CP	ORF	CP	ORF	CP
1	-0.1432	52	-0.0812	102	-0.0822
2	-0.1432	53	-0.0812	103	-0.0842
3	-0.1432	54	-0.0802	104	-0.0812
4	-0.1432	55	-0.0802	105	-0.0842
5	-0.1432	56	-0.0822	110	-0.0932
6	-0.1432	57	-0.0832	111	-0.1022
7	-0.1432	58	-0.0812	112	-0.0722
8	-0.1432	59	-0.0832	113	-0.0892
9	-0.1432	60	-0.0802	114	-0.0802
10	-0.1432	61	-0.0812	115	-0.0782
11	-0.1432	62	-0.0802	116	-0.0772
12	-0.1432	63	-0.0832	117	-0.0742
13	-0.1432	64	-0.0792	118	-0.0782
14	-0.1432	65	-0.0782	119	-0.0792
15	-0.1432	66	-0.0782	120	-0.0852
16	-0.1432	67	-0.0822	121	-0.0782
17	-0.1432	68	-0.0782	122	-0.0772
18	-0.1432	69	-0.0822	123	-0.0792
19	-0.1432	70	-0.0782	124	-0.0582
20	-0.1432	71	-0.0802	125	-0.0982
21	-0.1432	72	-0.0792	126	-0.0832
22	-0.1432	73	-0.0822	127	-0.0912
23	-0.1432	74	-0.0792	128	-0.1102
24	-0.1432	75	-0.0782	129	-0.0852
25	-0.1432	76	-0.0822	135	-0.0262
26	-0.1432	77	-0.0782	136	-0.0352
27	-0.1432	78	-0.0812	137	-0.0242
28	-0.1432	79	-0.0812	138	0.0688
29	-0.1432	80	-0.0782	139	0.0648
30	-0.1432	81	-0.0812	140	0.0718
32	-0.1432	82	-0.0782	141	0.0958
33	-0.1432	83	-0.0822	142	0.0828
34	-0.1432	84	-0.0822	143	0.0868
35	-0.1432	85	-0.0782	145	-0.0382
36	-0.1432	86	-0.0812	147	0.0758
37	-0.1432	87	-0.0832	151	0.1228
38	-0.1432	88	-0.0822	152	-0.0112
39	-0.1432	89	-0.0792	153	-0.1402
40	-0.1432	90	-0.0792	154	-0.2532
41	-0.1432	91	-0.0792	155	0.4198
42	-0.1432	92	-0.0812	156	0.2078
43	-0.0822	93	-0.0812	157	-0.0162
44	-0.0822	94	-0.0862	158	0.4528
45	-0.0772	95	-0.0812	159	0.3618
46	-0.0802	96	-0.0812	160	0.2728
47	-0.0822	97	-0.0802	161	0.0828
48	-0.0832	98	-0.0842	162	0.4458
49	-0.0802	99	-0.0822	163	0.3868
50	-0.0802	100	-0.0812	164	0.0628
51	-0.0852	101	-0.0792	165	0.0478

ORF	CP	ORF	CP	ORF	CP
166	0.4218	217	-0.4582	268	-0.1522
167	0.1978	218	-0.2282	269	-0.1872
168	0.1318	219	-0.0842	270	-0.1862
169	-0.0492	220	-0.0122	271	-0.1352
170	0.1728	221	0.0358	272	-0.1582
171	-0.0382	222	0.1528	273	-0.1692
172	-0.2032	223	0.3288	274	-0.1862
173	-0.1052	224	0.3488	275	0.1048
174	-0.3422	225	0.1598	276	0.0928
175	-0.3372	226	-0.0702	277	-0.1182
176	-0.3732	227	-0.8792	278	-0.9682
177	-0.0952	228	-0.8752	279	-0.8792
178	-0.1022	229	-0.8792	280	-0.8242
179	0.0808	230	-0.8122	281	-0.5642
180	-0.2522	231	-0.4582	282	-0.3152
181	0.2638	232	-0.2252	283	-0.2212
182	0.4388	233	-0.0952	284	-0.1572
183	0.3068	234	-0.0182	285	-0.1572
184	0.5068	235	-0.0152	286	-0.1252
185	0.5958	236	0.0688	287	-0.1312
186	0.8298	237	0.1788	288	-0.1702
187	1.0078	238	0.1158	289	-0.1842
188	1.1048	239	0.1608	290	-0.2092
189	1.1148	240	-0.0062	291	-0.6112
190	0.1728	241	-1.0262	292	0.0288
191	-0.2142	242	-0.9592	325	0.2358
192	-0.2422	244	-0.6242	326	0.2838
193	-0.2492	245	-0.3562	327	0.2968
194	-0.2442	246	-0.2242	328	0.3418
195	-0.2312	247	-0.1202	329	0.3848
196	-0.2602	248	-0.0542	330	0.4258
197	-0.2582	249	-0.0892	331	0.5858
198	-0.2512	250	-0.0652	332	0.7518
199	-0.2492	251	-0.1062	333	0.9178
200	-0.2432	252	-0.1662	334	1.0968
201	-0.2442	253	0.1958	335	1.1208
202	-0.2552	254	-0.0312	336	1.1268
203	-0.2492	255	-0.9222	337	1.1288
204	-0.2382	256	-0.9172	338	1.1318
205	0.0548	257	-0.8792	339	1.1328
206	0.0588	258	-0.6722	340	1.1358
207	0.0658	259	-0.3422	341	1.1358
208	0.0908	260	-0.2132	350	-0.0792
210	0.3718	261	-0.1332	351	-0.0762
211	0.1748	262	-0.0942	352	-0.0762
212	-0.0572	263	-0.1802	353	-0.0782
213	-0.8902	264	-0.1392	354	-0.0802
214	-0.8872	265	-0.1692	355	-0.0762
215	-0.8872	266	-0.2002		
216	-0.8302	267	-0.1672		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1721

TUNNEL = 11

TEST NO. = 086

TEST PHASE = 2

RUN NUMBER = 126.

CONFIGURATION NO. = 11.

ANGLE OF MODEL ROLL(DEG) = 450.0

MACH NUMBER = 0.699

TUNNEL DYNAMIC PRESSURE(PSF) = 560.

TUNNEL STAGNATION PRESSURE(PSF) = 2269.

TUNNEL STATIC PRESSURE(PSF) = 1638.

REYNOLDS NUMBER PER FOOT = 4.0090E 06

MODEL ANGLE OF ATTACK(DEG) = -6.04

FIN ANGLE(DEG) = -0.

FREE*STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 550.

SCANIVALUE	CP(REF)
147	-0.1410
247	-0.1420
347	-0.1410
447	-0.1420
547	-0.1430
647	-0.1430
747	-0.1450

ORF	CP	ORF	CP	ORF	CP
1	-0.1410	52	-0.0750	102	-0.0780
2	-0.1410	53	-0.0750	103	-0.0790
3	-0.1410	54	-0.0760	104	-0.0760
4	-0.1410	55	-0.0770	105	-0.0750
5	-0.1410	56	-0.0770	110	-0.0930
6	-0.1410	57	-0.0780	111	-0.1060
7	-0.1410	58	-0.0760	112	-0.0710
8	-0.1410	59	-0.0730	113	-0.0800
9	-0.1410	60	-0.0740	114	-0.0790
10	-0.1410	61	-0.0760	115	-0.0790
11	-0.1410	62	-0.0750	116	-0.0790
12	-0.1410	63	-0.0740	117	-0.0800
13	-0.1410	64	-0.0760	118	-0.0800
14	-0.1410	65	-0.0760	119	-0.0780
15	-0.1410	66	-0.0770	120	-0.0900
16	-0.1410	67	-0.0770	121	-0.0840
17	-0.1410	68	-0.0770	122	-0.0800
18	-0.1410	69	-0.0740	123	-0.0800
19	-0.1410	70	-0.0770	124	-0.0500
20	-0.1410	71	-0.0780	125	-0.0930
21	-0.1410	72	-0.0760	126	-0.0720
22	-0.1410	73	-0.0780	127	-0.0810
23	-0.1410	74	-0.0770	128	-0.1070
24	-0.1410	75	-0.0730	129	-0.0920
25	-0.1410	76	-0.0760	135	-0.0180
26	-0.1410	77	-0.0770	136	-0.0330
27	-0.1410	78	-0.0720	137	-0.0180
28	-0.1410	79	-0.0760	138	0.0690
29	-0.1410	80	-0.0770	139	0.0650
30	-0.1410	81	-0.0770	140	0.0720
32	-0.1410	82	-0.0770	141	0.0860
33	-0.1410	83	-0.0780	142	0.0780
34	-0.1410	84	-0.0790	143	0.0870
35	-0.1410	85	-0.0750	145	-0.0280
36	-0.1410	86	-0.0750	147	0.0810
37	-0.1410	87	-0.0760	151	0.0850
38	-0.1410	88	-0.0780	152	-0.0320
39	-0.1410	89	-0.0760	153	-0.1870
40	-0.1410	90	-0.0780	154	-0.2490
41	-0.1410	91	-0.0770	155	0.3950
42	-0.1410	92	-0.0760	156	0.1530
43	-0.0770	93	-0.0770	157	-0.0460
44	-0.0770	94	-0.0740	158	0.4090
45	-0.0740	95	-0.0760	159	0.3050
46	-0.0750	96	-0.0770	160	0.2320
47	-0.0750	97	-0.0780	161	0.0600
48	-0.0770	98	-0.0750	162	0.4120
49	-0.0750	99	-0.0770	163	0.3640
50	-0.0750	100	-0.0750	164	0.0670
51	-0.0740	101	-0.0780	165	0.0510

ORF	CP	ORF	CP	ORF	CP
166	0.3980	217	-0.3890	268	-0.1360
167	0.2090	218	-0.1980	269	-0.1740
168	0.1480	219	-0.0830	270	-0.1780
169	-0.0250	220	-0.0180	271	-0.1220
170	0.2030	221	0.0310	272	-0.1470
171	-0.0090	222	0.1370	273	-0.1660
172	-0.1740	223	0.2910	274	-0.1870
173	-0.0650	224	0.3340	275	0.1520
174	-0.2910	225	0.1700	276	0.0940
175	-0.2880	226	-0.0550	277	-0.1080
176	-0.3550	227	-0.8790	278	-0.9350
177	-0.1320	228	-0.8720	279	-0.8690
178	-0.0740	229	-0.8710	280	-0.8000
179	0.0830	230	-0.7440	281	-0.5490
180	-0.2440	231	-0.3570	282	-0.2710
181	0.2060	232	-0.1920	283	-0.2000
182	0.3830	233	-0.0850	284	-0.1470
183	0.3230	234	-0.0140	285	-0.1430
184	0.4950	235	-0.0140	286	-0.1240
185	0.5670	236	0.0650	287	-0.1220
186	0.7510	237	0.1730	288	-0.1710
187	0.9490	238	0.1220	289	-0.1870
188	1.0630	239	0.1790	290	-0.2120
189	1.1100	240	0.0180	291	-0.5760
190	0.1920	241	-1.0210	292	0.0140
191	-0.2340	242	-0.9610	325	0.3190
192	-0.2420	244	-0.5600	326	0.3880
193	-0.2410	245	-0.3070	327	0.4510
194	-0.2480	246	-0.2060	328	0.5490
195	-0.2340	247	-0.1120	329	0.6100
196	-0.2570	248	-0.0450	330	0.6940
197	-0.2480	249	-0.0780	331	0.8450
198	-0.2490	250	-0.0490	332	0.9630
199	-0.2470	251	-0.0870	333	1.0470
200	-0.2420	252	-0.1460	334	1.1220
201	-0.2330	253	0.1590	335	1.1320
202	-0.2470	254	-0.0550	336	1.1370
203	-0.2370	255	-0.9280	337	1.1390
204	-0.2400	256	-0.8920	338	1.1380
205	0.0840	257	-0.8130	339	1.1380
206	0.0880	258	-0.5620	340	1.1390
207	0.1040	259	-0.2820	341	1.1390
208	0.1050	260	-0.1970	350	-0.0810
210	0.3270	261	-0.1230	351	-0.0800
211	0.1720	262	-0.0830	352	-0.0780
212	-0.0600	263	-0.1600	353	-0.0770
213	-0.8800	264	-0.1210	354	-0.0770
214	-0.8770	265	-0.1590	355	-0.0780
215	-0.8740	266	-0.1930		
216	-0.7540	267	-0.1460		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1722
 TUNNEL = 11
 TEST NO. = 086
 TEST PHASE = 2
 RUN NUMBER = 126.
 CONFIGURATION NO. = 11.
 ANGLE OF MODEL ROLL(DEG) = 450.0
 MACH NUMBER = 0.698
 TUNNEL DYNAMIC PRESSURE(PSF) = 559.
 TUNNEL STAGNATION PRESSURE(PSF) = 2269.
 TUNNEL STATIC PRESSURE(PSF) = 1639.
 REYNOLDS NUMBER PER FOOT = 4.0090E 06
 MODEL ANGLE OF ATTACK(DEG) = -4.01
 FIN ANGLE(DEG) = -0.
 FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 550.

SCANIVALUE	CP(REF)
147	-0.1450
247	-0.1460
347	-0.1450
447	-0.1450
547	-0.1500
647	-0.1500
747	-0.1510

ORF	CP	ORF	CP	ORF	CP
1	-0.1450	52	-0.0790	102	-0.0810
2	-0.1450	53	-0.0790	103	-0.0770
3	-0.1450	54	-0.0770	104	-0.0790
4	-0.1450	55	-0.0800	105	-0.0770
5	-0.1450	56	-0.0790	110	-0.0940
6	-0.1450	57	-0.0760	111	-0.1070
7	-0.1450	58	-0.0770	112	-0.0760
8	-0.1450	59	-0.0770	113	-0.0860
9	-0.1450	60	-0.0780	114	-0.0870
10	-0.1450	61	-0.0780	115	-0.0860
11	-0.1450	62	-0.0770	116	-0.0860
12	-0.1450	63	-0.0760	117	-0.0880
13	-0.1450	64	-0.0790	118	-0.0880
14	-0.1450	65	-0.0760	119	-0.0870
15	-0.1450	66	-0.0780	120	-0.0960
16	-0.1450	67	-0.0800	121	-0.0870
17	-0.1450	68	-0.0800	122	-0.0870
18	-0.1450	69	-0.0800	123	-0.0860
19	-0.1450	70	-0.0770	124	-0.0530
20	-0.1450	71	-0.0770	125	-0.0900
21	-0.1450	72	-0.0790	126	-0.0650
22	-0.1450	73	-0.0800	127	-0.0750
23	-0.1450	74	-0.0750	128	-0.1050
24	-0.1450	75	-0.0800	129	-0.0970
25	-0.1450	76	-0.0810	135	-0.0130
26	-0.1450	77	-0.0810	136	-0.0280
27	-0.1450	78	-0.0810	137	-0.0170
28	-0.1450	79	-0.0770	138	0.0680
29	-0.1450	80	-0.0790	139	0.0600
30	-0.1450	81	-0.0780	140	0.0640
32	-0.1450	82	-0.0770	141	0.0830
33	-0.1450	83	-0.0790	142	0.0790
34	-0.1450	84	-0.0760	143	0.0840
35	-0.1450	85	-0.0790	145	-0.0280
36	-0.1450	86	-0.0820	147	0.0800
37	-0.1450	87	-0.0790	151	0.0270
38	-0.1450	88	-0.0810	152	-0.0900
39	-0.1450	89	-0.0800	153	-0.2140
40	-0.1450	90	-0.0770	154	-0.2540
41	-0.1450	91	-0.0780	155	0.3330
42	-0.1450	92	-0.0820	156	0.0740
43	-0.0770	93	-0.0800	157	-0.0910
44	-0.0750	94	-0.0820	158	0.3810
45	-0.0780	95	-0.0790	159	0.2460
46	-0.0810	96	-0.0790	160	0.1860
47	-0.0780	97	-0.0790	161	0.0330
48	-0.0800	98	-0.0780	162	0.3920
49	-0.0780	99	-0.0790	163	0.3260
50	-0.0780	100	-0.0780	164	0.0650
51	-0.0810	101	-0.0810	165	0.0320

ORF	CP	ORF	CP	ORF	CP
166	0.3690	217	-0.3360	268	-0.1300
167	0.2020	218	-0.1700	269	-0.1700
168	0.1430	219	-0.0810	270	-0.1860
169	-0.0210	220	-0.0230	271	-0.1230
170	0.2690	221	0.0170	272	-0.1480
171	0.0110	222	0.1130	273	-0.1700
172	-0.1560	223	0.2760	274	-0.1940
173	-0.0080	224	0.3030	275	0.2020
174	-0.1970	225	0.2060	276	0.1070
175	-0.2430	226	-0.0240	277	-0.0980
176	-0.3310	227	-0.8990	278	-0.8830
177	-0.2120	228	-0.9100	279	-0.8500
178	-0.0710	229	-0.8780	280	-0.8140
179	0.0440	230	-0.7330	281	-0.5720
180	-0.2520	231	-0.3420	282	-0.2690
181	0.1500	232	-0.1700	283	-0.1840
182	0.3330	233	-0.0800	284	-0.1350
183	0.3890	234	-0.0200	285	-0.1310
184	0.5300	235	-0.0230	286	-0.1160
185	0.5960	236	0.0640	287	-0.1280
186	0.7440	237	0.1760	288	-0.1650
187	0.8990	238	0.1850	289	-0.1910
188	1.0120	239	0.1780	290	-0.2140
189	1.0540	240	0.0070	291	-0.5400
190	0.2430	241	-0.9760	292	-0.0030
191	-0.2480	242	-0.9310	325	0.3730
192	-0.2500	244	-0.5370	326	0.4600
193	-0.2500	245	-0.2720	327	0.5250
194	-0.2520	246	-0.1900	328	0.5820
195	-0.2460	247	-0.1150	329	0.6770
196	-0.2620	248	-0.0560	330	0.7550
197	-0.2510	249	-0.0900	331	0.9240
198	-0.2480	250	-0.0520	332	0.9930
199	-0.2530	251	-0.0830	333	1.0450
200	-0.2450	252	-0.1500	334	1.0980
201	-0.2480	253	0.1160	335	1.1230
202	-0.2490	254	-0.0920	336	1.1310
203	-0.2470	255	-0.9160	337	1.1360
204	-0.2440	256	-0.8570	338	1.1370
205	0.1000	257	-0.7450	339	1.1390
206	0.1160	258	-0.4630	340	1.1400
207	0.1200	259	-0.2590	341	1.1400
208	0.1160	260	-0.1930	350	-0.0880
210	0.2920	261	-0.1270	351	-0.0900
211	0.1590	262	-0.0840	352	-0.0890
212	-0.0640	263	-0.1430	353	-0.0890
213	-0.8760	264	-0.1180	354	-0.0880
214	-0.8640	265	-0.1590	355	-0.0880
215	-0.8590	266	-0.1870		
216	-0.7190	267	-0.1330		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1723

TUNNEL = 11

TEST NO. = 086

TEST PHASE = 2

RUN NUMBER = 126.

CONFIGURATION NO. = 11.

ANGLE OF MODEL ROLL(DEG) = 450.0

MACH NUMBER = 0.699

TUNNEL DYNAMIC PRESSURE(PSF) = 560.

TUNNEL STAGNATION PRESSURE(PSF) = 2270.

TUNNEL STATIC PRESSURE(PSF) = 1638.

REYNOLDS NUMBER PER FOOT = 4.0160E 06

MODEL ANGLE OF ATTACK(DEG) = -1.95

FIN ANGLE(DEG) = -0.

FREE-STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 550.

SCANIVALUE	CP(REF)
147	-0.1430
247	-0.1440
347	-0.1440
447	-0.1430
547	-0.1440
647	-0.1440
747	-0.1440

ORF	CP	ORF	CP	ORF	CP
1	-0.1430	52	-0.0800	102	-0.0840
2	-0.1430	53	-0.0800	103	-0.0800
3	-0.1430	54	-0.0800	104	-0.0830
4	-0.1430	55	-0.0810	105	-0.0790
5	-0.1430	56	-0.0830	110	-0.0880
6	-0.1430	57	-0.0780	111	-0.1000
7	-0.1430	58	-0.0810	112	-0.0660
8	-0.1430	59	-0.0790	113	-0.0840
9	-0.1430	60	-0.0770	114	-0.0840
10	-0.1430	61	-0.0800	115	-0.0830
11	-0.1430	62	-0.0820	116	-0.0840
12	-0.1430	63	-0.0830	117	-0.0840
13	-0.1430	64	-0.0810	118	-0.0810
14	-0.1430	65	-0.0800	119	-0.0820
15	-0.1430	66	-0.0830	120	-0.0840
16	-0.1430	67	-0.0790	121	-0.0810
17	-0.1430	68	-0.0810	122	-0.0800
18	-0.1430	69	-0.0840	123	-0.0830
19	-0.1430	70	-0.0830	124	-0.0430
20	-0.1430	71	-0.0830	125	-0.0780
21	-0.1430	72	-0.0820	126	-0.0550
22	-0.1430	73	-0.0820	127	-0.0570
23	-0.1430	74	-0.0790	128	-0.0700
24	-0.1430	75	-0.0780	129	-0.0810
25	-0.1430	76	-0.0790	135	-0.0050
26	-0.1430	77	-0.0850	136	-0.0170
27	-0.1430	78	-0.0810	137	-0.0050
28	-0.1430	79	-0.0810	138	0.0770
29	-0.1430	80	-0.0820	139	0.0750
30	-0.1430	81	-0.0810	140	0.0760
32	-0.1430	82	-0.0830	141	0.0850
33	-0.1430	83	-0.0840	142	0.0870
34	-0.1430	84	-0.0840	143	0.0910
35	-0.1430	85	-0.0820	145	-0.0130
36	-0.1430	86	-0.0830	147	0.0900
37	-0.1430	87	-0.0800	151	-0.0230
38	-0.1430	88	-0.0810	152	-0.1670
39	-0.1430	89	-0.0840	153	-0.2190
40	-0.1430	90	-0.0800	154	-0.2710
41	-0.1430	91	-0.0810	155	0.3260
42	-0.1430	92	-0.0830	156	0.0320
43	-0.0830	93	-0.0820	157	-0.1170
44	-0.0830	94	-0.0830	158	0.4000
45	-0.0810	95	-0.0810	159	0.2070
46	-0.0820	96	-0.0820	160	0.1450
47	-0.0790	97	-0.0810	161	0.0040
48	-0.0800	98	-0.0840	162	0.4040
49	-0.0830	99	-0.0830	163	0.3230
50	-0.0810	100	-0.0780	164	0.0720
51	-0.0820	101	-0.0810	165	0.0260

DRF	CP	DRF	CP	DRF	CP
166	0.3970	217	-0.3170	268	-0.1190
167	0.2230	218	-0.1600	269	-0.1610
168	0.1640	219	-0.0710	270	-0.1780
169	-0.0040	220	-0.0210	271	-0.1020
170	0.3290	221	0.0210	272	-0.1320
171	0.0590	222	0.1210	273	-0.1650
172	-0.1390	223	0.2950	274	-0.1870
173	0.0080	224	0.3450	275	0.2250
174	-0.1630	225	0.1950	276	0.1360
175	-0.2270	226	-0.0250	277	-0.0750
176	-0.3340	227	-0.9160	278	-0.8620
177	-0.3550	228	-0.8950	279	-0.8230
178	-0.1190	229	-0.8430	280	-0.8050
179	-0.0300	230	-0.6210	281	-0.6340
180	-0.2500	231	-0.2660	282	-0.2840
181	0.1610	232	-0.1510	283	-0.1630
182	0.3790	233	-0.0710	284	-0.1150
183	0.4070	234	-0.0130	285	-0.1200
184	0.5730	235	-0.0240	286	-0.0990
185	0.6330	236	0.0650	287	-0.1120
186	0.7690	237	0.1980	288	-0.1610
187	0.9070	238	0.1590	289	-0.1860
188	0.9830	239	0.1580	290	-0.2150
189	1.0310	240	-0.0080	291	-0.5940
190	0.3170	241	-0.8340	292	-0.0070
191	-0.2530	242	-0.8110	325	0.3340
192	-0.2610	244	-0.4230	326	0.3790
193	-0.2610	245	-0.2290	327	0.4040
194	-0.2650	246	-0.1720	328	0.4500
195	-0.2610	247	-0.1070	329	0.4990
196	-0.2670	248	-0.0520	330	0.5580
197	-0.2570	249	-0.0850	331	0.7410
198	-0.2580	250	-0.0560	332	0.8560
199	-0.2630	251	-0.0880	333	0.9210
200	-0.2610	252	-0.1460	334	1.0260
201	-0.2580	253	0.0980	335	1.0920
202	-0.2510	254	-0.0890	336	1.1230
203	-0.2570	255	-0.8730	337	1.1330
204	-0.2540	256	-0.8280	338	1.1370
205	0.1160	257	-0.7550	339	1.1390
206	0.1460	258	-0.4570	340	1.1390
207	0.1490	259	-0.2300	341	1.1390
208	0.1410	260	-0.1720	350	-0.0850
210	0.2620	261	-0.1120	351	-0.0840
211	0.1950	262	-0.0680	352	-0.0810
212	-0.0300	263	-0.1330	353	-0.0810
213	-0.8590	264	-0.1000	354	-0.0820
214	-0.8570	265	-0.1440	355	-0.0840
215	-0.8340	266	-0.1850		
216	-0.6910	267	-0.1120		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1724
 TUNNEL = 11
 TEST NO. = 086
 TEST PHASE = 2
 RUN NUMBER = 126.
 CONFIGURATION NO. = 11.
 ANGLE OF MODEL ROLL(DEG) = 450.0
 MACH NUMBER = 0.699
 TUNNEL DYNAMIC PRESSURE(PSF) = 560.
 TUNNEL STAGNATION PRESSURE(PSF) = 2270.
 TUNNEL STATIC PRESSURE(PSF) = 1638.
 REYNOLDS NUMBER PER FOOT = 4.0170E 06
 MODEL ANGLE OF ATTACK(DEG) = 0.10
 FIN ANGLE(DEG) = -0.
 FREE^oSTREAM TOTAL TEMPERATURE(DEG. RANKINE) = 550.

SCANIVALUE	CP(REF)
147	-0.1430
247	-0.1450
347	-0.1440
447	-0.1440
547	-0.1400
647	-0.1410
747	-0.1420

ORF	CP	ORF	CP	ORF	CP
1	-2.2710	52	-0.0810	102	-0.0810
2	-0.1430	53	-0.0800	103	-0.0840
3	-0.1430	54	-0.0820	104	-0.0830
4	-0.1430	55	-0.0780	105	-0.0820
5	-0.1430	56	-0.0810	110	-0.0900
6	-0.1430	57	-0.0830	111	-0.1020
7	-0.1430	58	-0.0820	112	-0.0650
8	-2.2710	59	-0.0810	113	-0.0830
9	-0.1430	60	-0.0820	114	-0.0820
10	-0.1430	61	-0.0810	115	-0.0850
11	-0.1430	62	-0.0830	116	-0.0840
12	-0.1430	63	-0.0800	117	-0.0790
13	-2.2710	64	-0.0840	118	-0.0820
14	-2.2730	65	-0.0840	119	-0.0810
15	-0.1430	66	-0.0820	120	-0.0710
16	-0.1430	67	-0.0850	121	-0.0850
17	-0.1430	68	-0.0840	122	-0.0810
18	-2.2710	69	-0.0820	123	-0.0820
19	-2.2730	70	-0.0810	124	-0.0300
20	-0.1430	71	-0.0810	125	-0.0660
21	-0.1430	72	-0.0850	126	-0.0460
22	-0.1430	73	-0.0800	127	-0.0580
23	-2.2730	74	-0.0800	128	-0.1030
24	-0.1430	75	-0.0850	129	-0.0770
25	-0.1430	76	-0.0810	135	-0.0010
26	-0.1430	77	-0.0800	136	-0.0130
27	-0.1430	78	-0.0820	137	0.0010
28	-0.1430	79	-0.0830	138	0.0790
29	-0.1430	80	-0.0830	139	0.0710
30	-2.2730	81	-0.0840	140	0.0790
32	-0.1430	82	-0.0800	141	0.0870
33	-0.1430	83	-0.0830	142	0.0910
34	-0.1430	84	-0.0830	143	0.0870
35	-0.1430	85	-0.0840	145	-0.0140
36	-2.2730	86	-0.0820	147	0.0890
37	-0.1430	87	-0.0810	151	-0.0350
38	-2.2730	88	-0.0830	152	-0.1460
39	-2.2720	89	-0.0810	153	-0.2570
40	-0.1430	90	-0.0850	154	-0.2820
41	-0.1430	91	-0.0830	155	0.3310
42	-0.1430	92	-0.0800	156	0.0210
43	-0.0830	93	-0.0810	157	-0.1340
44	-0.0820	94	-0.0810	158	0.3840
45	-0.0840	95	-0.0820	159	0.1880
46	-0.0820	96	-0.0840	160	0.1240
47	-0.0810	97	-0.0830	161	-0.0070
48	-0.0820	98	-0.0810	162	0.3800
49	-0.0790	99	-0.0830	163	0.2940
50	-0.0810	100	-0.0820	164	0.0710
51	-0.0800	101	-0.0790	165	0.0100

ORF	CP	ORF	CP	ORF	CP
166	0.3830	217	-0.2370	268	-0.1120
167	0.2020	218	-0.1360	269	-0.1590
168	0.1430	219	-0.0720	270	-0.1780
169	-0.0070	220	-0.0280	271	-0.0920
170	0.3030	221	0.0090	272	-0.1310
171	0.0550	222	0.1070	273	-0.1610
172	-0.1370	223	0.2700	274	-0.1830
173	-0.0030	224	0.3090	275	0.2310
174	-0.2070	225	0.1620	276	0.1620
175	-0.2040	226	-0.0450	277	-0.0550
176	-0.3080	227	-0.8620	278	-0.8620
177	-0.3650	228	-0.8240	279	-0.8290
178	-0.1640	229	-0.7480	280	-0.8040
179	-0.0520	230	-0.4610	281	-0.6570
180	-0.2480	231	-0.2100	282	-0.3040
181	0.1740	232	-0.1410	283	-0.1620
182	0.3840	233	-0.0780	284	-0.0990
183	0.3720	234	-0.0230	285	-0.1120
184	0.4990	235	-0.0370	286	-0.0960
185	0.5660	236	0.0490	287	-0.1040
186	0.6690	237	0.1680	288	-0.1550
187	0.7560	238	0.1220	289	-0.1780
188	0.8190	239	0.1390	290	-0.2130
189	0.8530	240	-0.0160	291	-0.6990
190	0.3590	241	-0.7510	292	-0.0460
191	-0.2640	242	-0.7210	325	0.2440
192	-0.2620	244	-0.3790	326	0.2840
193	-0.2610	245	-0.2010	327	0.3040
194	-0.2600	246	-0.1470	328	0.3650
195	-0.2570	247	-0.0920	329	0.4050
196	-0.2690	248	-0.0540	330	0.4870
197	-0.2530	249	-0.0840	331	0.6240
198	-0.2580	250	-0.0530	332	0.7400
199	-0.2610	251	-0.0780	333	0.8600
200	-0.2640	252	-0.1310	334	1.0120
201	-0.2580	253	0.1400	335	1.0980
202	-0.2560	254	-0.0540	336	1.1280
203	-0.2530	255	-0.8790	337	1.1350
204	-0.2570	256	-0.8500	338	1.1370
205	0.1350	257	-0.7860	339	1.1380
206	0.1650	258	-0.5610	340	1.1360
207	0.1620	259	-0.2310	341	1.1380
208	0.1570	260	-0.1460	350	-0.0790
210	0.2170	261	-0.0880	351	-0.0800
211	0.1700	262	-0.0440	352	-0.0820
212	-0.0430	263	-0.1310	353	-0.0860
213	-0.8210	264	-0.0940	354	-0.0810
214	-0.8180	265	-0.1400	355	-0.0800
215	-0.7850	266	-0.1810		
216	-0.5920	267	-0.1100		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1725
 TUNNEL = 11
 TEST NO. = 086
 TEST PHASE = 2
 RUN NUMBER = 126.
 CONFIGURATION NO. = 11.
 ANGLE OF MODEL ROLL(DEG) = 450.0
 MACH NUMBER = 0.698
 TUNNEL DYNAMIC PRESSURE(PSF) = 560.
 TUNNEL STAGNATION PRESSURE(PSF) = 2270.
 TUNNEL STATIC PRESSURE(PSF) = 1639.
 REYNOLDS NUMBER PER FOOT = 4.0140E 06
 MODEL ANGLE OF ATTACK(DEG) = 2.07
 FIN ANGLE(DEG) = -0.
 FREE^oSTREAM TOTAL TEMPERATURE(DEG. RANKINE) = 550.

SCANIVALUE	CP(REF)
147	-0.1428
247	-0.1438
347	-0.1428
447	-0.1428
547	-0.1458
647	-0.1468
747	-0.1458

ORF	CP	ORF	CP	ORF	CP
1	-0.1428	52	-0.0788	102	-0.0818
2	-0.1428	53	-0.0798	103	-0.0788
3	-0.1428	54	-0.0788	104	-0.0798
4	-0.1428	55	-0.0798	105	-0.0828
5	-0.1428	56	-0.0808	110	-0.0918
6	-0.1428	57	-0.0778	111	-0.1158
7	-0.1428	58	-0.0788	112	-0.0758
8	-0.1428	59	-0.0818	113	-0.0968
9	-0.1428	60	-0.0788	114	-0.0918
10	-0.1428	61	-0.0788	115	-0.0908
11	-0.1428	62	-0.0798	116	-0.0928
12	-0.1428	63	-0.0778	117	-0.0918
13	-0.1428	64	-0.0758	118	-0.0958
14	-0.1428	65	-0.0798	119	-0.0908
15	-0.1428	66	-0.0798	120	-0.0868
16	-0.1428	67	-0.0778	121	-0.0918
17	-0.1428	68	-0.0768	122	-0.0908
18	-0.1428	69	-0.0758	123	-0.0948
19	-0.1428	70	-0.0778	124	-0.0388
20	-0.1428	71	-0.0778	125	-0.0728
21	-0.1428	72	-0.0768	126	-0.0568
22	-0.1428	73	-0.0788	127	-0.0668
23	-0.1428	74	-0.0798	128	-0.0898
24	-0.1428	75	-0.0818	129	-0.0858
25	-0.1428	76	-0.0798	135	-0.0118
26	-0.1428	77	-0.0778	136	-0.0208
27	-0.1428	78	-0.0768	137	-0.0148
28	-0.1428	79	-0.0758	138	0.0672
29	-0.1428	80	-0.0808	139	0.0662
30	-0.1428	81	-0.0768	140	0.0672
32	-0.1428	82	-0.0798	141	0.0772
33	-0.1428	83	-0.0788	142	0.0802
34	-0.1428	84	-0.0808	143	0.0792
35	-0.1428	85	-0.0818	145	-0.0238
36	-0.1428	86	-0.0788	147	0.0792
37	-0.1428	87	-0.0808	151	-0.0328
38	-0.1428	88	-0.0828	152	-0.1308
39	-0.1428	89	-0.0798	153	-0.2688
40	-0.1428	90	-0.0818	154	-0.2678
41	-0.1428	91	-0.0798	155	0.3232
42	-0.1428	92	-0.0808	156	0.0102
43	-0.0778	93	-0.0798	157	-0.1328
44	-0.0788	94	-0.0798	158	0.3472
45	-0.0808	95	-0.0778	159	0.1572
46	-0.0778	96	-0.0768	160	0.0942
47	-0.0798	97	-0.0798	161	-0.0288
48	-0.0818	98	-0.0768	162	0.3282
49	-0.0788	99	-0.0808	163	0.2392
50	-0.0768	100	-0.0808	164	0.0612
51	-0.0778	101	-0.0808	165	-0.0198

ORF	CP	ORF	CP	ORF	CP
166	0.3142	217	-0.2218	268	-0.1238
167	0.1362	218	-0.1478	269	-0.1668
168	0.0932	219	-0.0888	270	-0.1848
169	-0.0468	220	-0.0508	271	-0.1048
170	0.2302	221	-0.0128	272	-0.1388
171	0.0142	222	0.0662	273	-0.1678
172	-0.1358	223	0.2262	274	-0.1868
173	-0.0178	224	0.2562	275	0.2082
174	-0.1528	225	0.0892	276	0.1312
175	-0.1758	226	-0.0978	277	-0.0788
176	-0.2628	227	-0.7918	278	-0.8708
177	-0.3308	228	-0.7308	279	-0.8388
178	-0.1928	229	-0.6538	280	-0.8108
179	-0.0768	230	-0.4058	281	-0.6308
180	-0.2388	231	-0.2028	282	-0.2928
181	0.1902	232	-0.1518	283	-0.1758
182	0.3742	233	-0.0978	284	-0.1198
183	0.2902	234	-0.0508	285	-0.1138
184	0.4172	235	-0.0518	286	-0.1108
185	0.4352	236	0.0172	287	-0.1218
186	0.4902	237	0.1032	288	-0.1668
187	0.5332	238	0.0552	289	-0.1878
188	0.5912	239	0.1222	290	-0.2128
189	0.6292	240	-0.0278	291	-0.8008
190	0.3752	241	-0.7908	292	-0.1048
191	-0.2358	242	-0.7398	325	0.3762
192	-0.2428	244	-0.3988	326	0.4332
193	-0.2408	245	-0.2148	327	0.4672
194	-0.2468	246	-0.1658	328	0.5042
195	-0.2418	247	-0.1108	329	0.5652
196	-0.2558	248	-0.0588	330	0.6342
197	-0.2488	249	-0.0898	331	0.8022
198	-0.2458	250	-0.0568	332	0.9482
199	-0.2528	251	-0.0768	333	1.0322
200	-0.2458	252	-0.1308	334	1.1102
201	-0.2488	253	0.1552	335	1.1272
202	-0.2398	254	-0.0418	336	1.1392
203	-0.2408	255	-0.8978	337	1.1412
204	-0.2458	256	-0.8528	338	1.1402
205	0.1372	257	-0.8088	339	1.1392
206	0.1722	258	-0.5978	340	1.1402
207	0.1652	259	-0.2648	341	1.1402
208	0.1582	260	-0.1638	350	-0.0938
210	0.1752	261	-0.0978	351	-0.0948
211	0.1172	262	-0.0528	352	-0.0928
212	-0.0718	263	-0.1408	353	-0.0948
213	-0.7778	264	-0.1008	354	-0.0948
214	-0.7618	265	-0.1448	355	-0.0928
215	-0.7308	266	-0.1828		
216	-0.5078	267	-0.1168		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1726
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 126.
CONFIGURATION NO. = 11.
ANGLE OF MODEL ROLL(DEG) = 450.0
MACH NUMBER = 0.700
TUNNEL DYNAMIC PRESSURE(PSF) = 559.
TUNNEL STAGNATION PRESSURE(PSF) = 2262.
TUNNEL STATIC PRESSURE(PSF) = 1631.
REYNOLDS NUMBER PER FOOT = 4.0080E 06
MODEL ANGLE OF ATTACK(DEG) = 3.99
FIN ANGLE(DEG) = -0.
FREE-STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 549.

SCANIVALUE	CP(REF)
147	-0.1317
247	-0.1327
347	-0.1327
447	-0.1317
547	-0.1197
647	-0.1207
747	-0.1207

ORF	CP	ORF	CP	ORF	CP
1	-0.1317	52	-0.0827	102	-0.0897
2	-0.1317	53	-0.0827	103	-0.0857
3	-0.1317	54	-0.0827	104	-0.0847
4	-0.1317	55	-0.0857	105	-0.0877
5	-0.1317	56	-0.0887	110	-0.0877
6	-0.1317	57	-0.0847	111	-0.1117
7	-0.1317	58	-0.0827	112	-0.0677
8	-0.1317	59	-0.0867	113	-0.0977
9	-0.1317	60	-0.0877	114	-0.0757
10	-0.1317	61	-0.0887	115	-0.0767
11	-0.1317	62	-0.0817	116	-0.0767
12	-0.1317	63	-0.0837	117	-0.0757
13	-0.1317	64	-0.0847	118	-0.0777
14	-0.1317	65	-0.0847	119	-0.0757
15	-0.1317	66	-0.0857	120	-0.0627
16	-0.1317	67	-0.0877	121	-0.0747
17	-0.1317	68	-0.0847	122	-0.0757
18	-0.1317	69	-0.0857	123	-0.0737
19	-0.1317	70	-0.0897	124	-0.0357
20	-0.1317	71	-0.0857	125	-0.0627
21	-0.1317	72	-0.0867	126	-0.0467
22	-0.1317	73	-0.0877	127	-0.0587
23	-0.1317	74	-0.0877	128	-0.0667
24	-0.1317	75	-0.0857	129	-0.0657
25	-0.1317	76	-0.0867	135	0.0003
26	-0.1317	77	-0.0857	136	-0.0137
27	-0.1317	78	-0.0837	137	-0.0057
28	-0.1317	79	-0.0857	138	0.0743
29	-0.1317	80	-0.0857	139	0.0753
30	-0.1317	81	-0.0857	140	0.0803
32	-0.1317	82	-0.0857	141	0.0913
33	-0.1317	83	-0.0797	142	0.0893
34	-0.1317	84	-0.0807	143	0.0973
35	-0.1317	85	-0.0847	145	-0.0107
36	-0.1317	86	-0.0807	147	0.0843
37	-0.1317	87	-0.0827	151	-0.0327
38	-0.1317	88	-0.0827	152	-0.1387
39	-0.1317	89	-0.0817	153	-0.2567
40	-0.1317	90	-0.0847	154	-0.2697
41	-0.1317	91	-0.0837	155	0.2343
42	-0.1317	92	-0.0837	156	-0.0227
43	-0.0787	93	-0.0827	157	-0.1537
44	-0.0797	94	-0.0817	158	0.2463
45	-0.0837	95	-0.0827	159	0.0873
46	-0.0797	96	-0.0847	160	0.0213
47	-0.0817	97	-0.0887	161	-0.0837
48	-0.0827	98	-0.0847	162	0.2303
49	-0.0817	99	-0.0827	163	0.1553
50	-0.0817	100	-0.0887	164	0.0713
51	-0.0807	101	-0.0867	165	-0.0737

ORF	CP	ORF	CP	ORF	CP
166	0.2113	217	-0.1857	268	-0.1217
167	0.1023	218	-0.1377	269	-0.1587
168	0.0533	219	-0.0897	270	-0.1697
169	-0.0697	220	-0.0507	271	-0.0977
170	0.1793	221	-0.0187	272	-0.1277
171	0.0073	222	0.0443	273	-0.1517
172	-0.1397	223	0.1683	274	-0.1757
173	0.0133	224	0.1983	275	0.1723
174	-0.0567	225	0.0693	276	0.1123
175	-0.1767	226	-0.0957	277	-0.0917
176	-0.2477	227	-0.7447	278	-0.8567
177	-0.3017	228	-0.6677	279	-0.8177
178	-0.2347	229	-0.5757	280	-0.7677
179	-0.1157	230	-0.3337	281	-0.5227
180	-0.2527	231	-0.1977	282	-0.2487
181	0.1723	232	-0.1447	283	-0.1697
182	0.3383	233	-0.0887	284	-0.1227
183	0.2193	234	-0.0457	285	-0.0917
184	0.2933	235	-0.0387	286	-0.0997
185	0.3053	236	0.0153	287	-0.1127
186	0.3643	237	0.0823	288	-0.1497
187	0.4223	238	0.0863	289	-0.1767
188	0.5313	239	0.1393	290	-0.1957
189	0.6153	240	-0.0027	291	-0.8057
190	0.3373	241	-0.8547	292	-0.1217
191	-0.2327	242	-0.7997	325	0.4193
192	-0.2417	244	-0.4217	326	0.5203
193	-0.2487	245	-0.2207	327	0.6313
194	-0.2457	246	-0.1557	328	0.7123
195	-0.2387	247	-0.0967	329	0.8303
196	-0.2587	248	-0.0467	330	0.8893
197	-0.2457	249	-0.0727	331	1.0233
198	-0.2477	250	-0.0447	332	1.0833
199	-0.2467	251	-0.0637	333	1.1033
200	-0.2517	252	-0.1197	334	1.1153
201	-0.2457	253	0.1393	335	1.1183
202	-0.2457	254	-0.0627	336	1.1273
203	-0.2417	255	-0.8537	337	1.1273
204	-0.2497	256	-0.8157	338	1.1273
205	0.1333	257	-0.7277	339	1.1293
206	0.1793	258	-0.5177	340	1.1283
207	0.1673	259	-0.2487	341	1.1263
208	0.1663	260	-0.1647	350	-0.0747
210	0.1243	261	-0.1057	351	-0.0757
211	0.0683	262	-0.0577	352	-0.0757
212	-0.0987	263	-0.1317	353	-0.0727
213	-0.6947	264	-0.1007	354	-0.0747
214	-0.6827	265	-0.1447	355	-0.0757
215	-0.6097	266	-0.1677		
216	-0.3857	267	-0.1147		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1727
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 126.
CONFIGURATION NO. = 11.
ANGLE OF MODEL ROLL(DEG) = 450.0
MACH NUMBER = 0.698
TUNNEL DYNAMIC PRESSURE(PSF) = 556.
TUNNEL STAGNATION PRESSURE(PSF) = 2258.
TUNNEL STATIC PRESSURE(PSF) = 1630.
REYNOLDS NUMBER PER FOOT = 3.9930E 06
MODEL ANGLE OF ATTACK(DEG) = 5.98
FIN ANGLE(DEG) = -0.
FREE^oSTREAM TOTAL TEMPERATURE(DEG. RANKINE) = 550.

SCANIVALUE	CP(REF)
147	-0.1317
247	-0.1317
347	-0.1317
447	-0.1317
547	-0.1337
647	-0.1347
747	-0.1357

ORF	CP	ORF	CP	ORF	CP
1	-2.2737	52	-0.0817	102	-0.0827
2	-2.2747	53	-0.0837	103	-0.0867
3	-0.1317	54	-0.0837	104	-0.0827
4	-0.1317	55	-0.0837	105	-0.0867
5	-0.1317	56	-0.0827	110	-0.1007
6	-0.1317	57	-0.0847	111	-0.1287
7	-0.1317	58	-0.0817	112	-0.0827
8	-2.2757	59	-0.0867	113	-0.1077
9	-2.2747	60	-0.0847	114	-0.0877
10	-0.1317	61	-0.0847	115	-0.0907
11	-0.1317	62	-0.0837	116	-0.0917
12	-0.1317	63	-0.0837	117	-0.0897
13	-0.1317	64	-0.0857	118	-0.0877
14	-0.1317	65	-0.0817	119	-0.0887
15	-2.2757	66	-0.0787	120	-0.0617
16	-0.1317	67	-0.0787	121	-0.0907
17	-0.1317	68	-0.0827	122	-0.0887
18	-0.1317	69	-0.0807	123	-0.0857
19	-0.1317	70	-0.0827	124	-0.0457
20	-0.1317	71	-0.0847	125	-0.0777
21	-0.1317	72	-0.0847	126	-0.0597
22	-2.2757	73	-0.0837	127	-0.0707
23	-0.1317	74	-0.0837	128	-0.0927
24	-0.1317	75	-0.0857	129	-0.0667
25	-0.1317	76	-0.0797	135	-0.0187
26	-0.1317	77	-0.0837	136	-0.0237
27	-2.2757	78	-0.0817	137	-0.0137
28	-0.1317	79	-0.0827	138	0.0673
29	-0.1317	80	-0.0807	139	0.0633
30	-2.2737	81	-0.0847	140	0.0653
32	-0.1317	82	-0.0837	141	0.0813
33	-0.1317	83	-0.0867	142	0.0733
34	-0.1317	84	-0.0887	143	0.0903
35	-2.2757	85	-0.0867	145	-0.0267
36	-0.1317	86	-0.0857	147	0.0743
37	-2.2747	87	-0.0907	151	-0.0387
38	-2.2757	88	-0.0857	152	-0.1557
39	-0.1317	89	-0.0867	153	-0.2417
40	-0.1317	90	-0.0827	154	-0.2807
41	-2.2757	91	-0.0847	155	0.1423
42	-0.1317	92	-0.0857	156	-0.0657
43	-0.0867	93	-0.0827	157	-0.1847
44	-0.0867	94	-0.0867	158	0.1793
45	-0.0867	95	-0.0877	159	0.0403
46	-0.0837	96	-0.0847	160	-0.0257
47	-0.0887	97	-0.0857	161	-0.1217
48	-0.0857	98	-0.0837	162	0.1863
49	-0.0867	99	-0.0847	163	0.1223
50	-0.0877	100	-0.0847	164	0.0613
51	-0.0867	101	-0.0827	165	-0.0877

ORF	CP	ORF	CP	ORF	CP
166	0.1943	217	-0.1997	268	-0.1437
167	0.1033	218	-0.1557	269	-0.1757
168	0.0543	219	-0.1077	270	-0.1797
169	-0.0697	220	-0.0677	271	-0.1217
170	0.1863	221	-0.0417	272	-0.1457
171	0.0583	222	0.0243	273	-0.1707
172	-0.1127	223	0.1243	274	-0.1847
173	0.0553	224	0.1483	275	0.1093
174	-0.0177	225	0.0623	276	0.0673
175	-0.1377	226	-0.1087	277	-0.1147
176	-0.2387	227	-0.7777	278	-0.8797
177	-0.2767	228	-0.7207	279	-0.8267
178	-0.2387	229	-0.6027	280	-0.7807
179	-0.1477	230	-0.3657	281	-0.5137
180	-0.2587	231	-0.2197	282	-0.2647
181	0.1333	232	-0.1727	283	-0.1947
182	0.2813	233	-0.1097	284	-0.1417
183	0.1973	234	-0.0637	285	-0.1097
184	0.2743	235	-0.0597	286	-0.1247
185	0.3213	236	0.0083	287	-0.1307
186	0.4143	237	0.0843	288	-0.1717
187	0.5603	238	0.1063	289	-0.1727
188	0.7133	239	0.1583	290	-0.2067
189	0.7803	240	0.0053	291	-0.7717
190	0.3663	241	-0.9067	292	-0.1757
191	-0.2257	242	-0.8607	325	0.2583
192	-0.2417	244	-0.5057	326	0.3943
193	-0.2347	245	-0.2537	327	0.5443
194	-0.2467	246	-0.1797	328	0.6593
195	-0.2377	247	-0.1197	329	0.7933
196	-0.2537	248	-0.0727	330	0.9033
197	-0.2417	249	-0.1007	331	1.0403
198	-0.2447	250	-0.0757	332	1.1043
199	-0.2497	251	-0.0817	333	1.1233
200	-0.2467	252	-0.1357	334	1.1263
201	-0.2377	253	0.0583	335	1.1263
202	-0.2447	254	-0.1257	336	1.1333
203	-0.2427	255	-0.8407	337	1.1343
204	-0.2417	256	-0.7707	338	1.1363
205	0.1013	257	-0.6867	339	1.1353
206	0.1503	258	-0.4647	340	1.1363
207	0.1333	259	-0.2657	341	1.1343
208	0.1373	260	-0.1907	350	-0.0887
210	0.0863	261	-0.1317	351	-0.0897
211	0.0293	262	-0.0847	352	-0.0897
212	-0.1267	263	-0.1497	353	-0.0857
213	-0.6777	264	-0.1237	354	-0.0907
214	-0.6407	265	-0.1557	355	-0.0907
215	-0.5847	266	-0.1817		
216	-0.3687	267	-0.1427		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1728
 TUNNEL = 11
 TEST NO. = 086
 TEST PHASE = 2
 RUN NUMBER = 126.
 CONFIGURATION NO. = 11.
 ANGLE OF MODEL ROLL(DEG) = 450.0
 MACH NUMBER = 0.697
 TUNNEL DYNAMIC PRESSURE(PSF) = 556.
 TUNNEL STAGNATION PRESSURE(PSF) = 2260.
 TUNNEL STATIC PRESSURE(PSF) = 1633.
 REYNOLDS NUMBER PER FOOT = 3.9960E 06
 MODEL ANGLE OF ATTACK(DEG) = 7.93
 FIN ANGLE(DEG) = -0.
 FREE-STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 550.

SCANIVALUE	CP(REF)
147	-0.1351
247	-0.1361
347	-0.1351
447	-0.1351
547	-0.1461
647	-0.1461
747	-0.1461

ORF	CP	ORF	CP	ORF	CP
1	-0.1351	52	-0.0881	102	-0.0871
2	-0.1351	53	-0.0881	103	-0.0861
3	-0.1351	54	-0.0861	104	-0.0901
4	-0.1351	55	-0.0861	105	-0.0881
5	-0.1351	56	-0.0871	110	-0.1171
6	-0.1351	57	-0.0861	111	-0.1451
7	-0.1351	58	-0.0881	112	-0.1011
8	-0.1351	59	-0.0861	113	-0.1281
9	-0.1351	60	-0.0861	114	-0.0981
10	-0.1351	61	-0.0831	115	-0.1021
11	-0.1351	62	-0.0871	116	-0.1031
12	-0.1351	63	-0.0851	117	-0.1021
13	-0.1351	64	-0.0851	118	-0.1011
14	-0.1351	65	-0.0851	119	-0.1031
15	-0.1351	66	-0.0921	120	-0.0561
16	-0.1351	67	-0.0891	121	-0.1001
17	-0.1351	68	-0.0871	122	-0.1001
18	-0.1351	69	-0.0851	123	-0.1001
19	-0.1351	70	-0.0881	124	-0.0641
20	-0.1351	71	-0.0891	125	-0.0921
21	-0.1351	72	-0.0861	126	-0.0801
22	-0.1351	73	-0.0871	127	-0.0821
23	-0.1351	74	-0.0861	128	-0.0891
24	-0.1351	75	-0.0881	129	-0.0641
25	-0.1351	76	-0.0921	135	-0.0371
26	-0.1351	77	-0.0881	136	-0.0401
27	-0.1351	78	-0.0881	137	-0.0411
28	-0.1351	79	-0.0901	138	0.0539
29	-0.1351	80	-0.0891	139	0.0479
30	-0.1351	81	-0.0921	140	0.0479
32	-0.1351	82	-0.0921	141	0.0689
33	-0.1351	83	-0.0921	142	0.0569
34	-0.1351	84	-0.0911	143	0.0809
35	-0.1351	85	-0.0871	145	-0.0411
36	-0.1351	86	-0.0891	147	0.0579
37	-0.1351	87	-0.0881	151	-0.0401
38	-0.1351	88	-0.0861	152	-0.1711
39	-0.1351	89	-0.0881	153	-0.2251
40	-0.1351	90	-0.0871	154	-0.2721
41	-0.1351	91	-0.0861	155	0.0809
42	-0.1351	92	-0.0881	156	-0.0971
43	-0.0911	93	-0.0891	157	-0.2051
44	-0.0901	94	-0.0881	158	0.1619
45	-0.0861	95	-0.0861	159	0.0119
46	-0.0871	96	-0.0861	160	-0.0471
47	-0.0861	97	-0.0831	161	-0.1431
48	-0.0851	98	-0.0861	162	0.1769
49	-0.0881	99	-0.0881	163	0.1129
50	-0.0841	100	-0.0881	164	0.0439
51	-0.0851	101	-0.0871	165	-0.1081

ORF	CP	ORF	CP	ORF	CP
166	0.1869	217	-0.2211	268	-0.1801
167	0.1089	218	-0.1781	269	-0.2121
168	0.0519	219	-0.1301	270	-0.1971
169	-0.0641	220	-0.0901	271	-0.1391
170	0.1689	221	-0.0611	272	-0.1591
171	0.0439	222	-0.0011	273	-0.1871
172	-0.1211	223	0.0969	274	-0.2001
173	0.0319	224	0.1289	275	0.0659
174	-0.0501	225	0.0409	276	0.0569
175	-0.1551	226	-0.1231	277	-0.1411
176	-0.2431	227	-0.7991	278	-0.9071
177	-0.2731	228	-0.7381	279	-0.8731
178	-0.2591	229	-0.6671	280	-0.8211
179	-0.1731	230	-0.4261	281	-0.5961
180	-0.2781	231	-0.2491	282	-0.3131
181	0.1079	232	-0.1901	283	-0.2231
182	0.2339	233	-0.1261	284	-0.1641
183	0.2129	234	-0.0881	285	-0.1251
184	0.2769	235	-0.0901	286	-0.1471
185	0.3589	236	-0.0281	287	-0.1451
186	0.4519	237	0.0529	288	-0.1841
187	0.5759	238	0.0849	289	-0.1981
188	0.7169	239	0.0789	290	-0.2231
189	0.7729	240	-0.0731	291	-0.7451
190	0.4029	241	-0.8551	292	-0.2321
191	-0.2361	242	-0.8001	325	0.0589
192	-0.2441	244	-0.4331	326	0.1929
193	-0.2431	245	-0.2591	327	0.3889
194	-0.2541	246	-0.2061	328	0.5269
195	-0.2351	247	-0.1491	329	0.7219
196	-0.2591	248	-0.1021	330	0.8959
197	-0.2531	249	-0.1241	331	1.0609
198	-0.2541	250	-0.0911	332	1.1009
199	-0.2621	251	-0.0991	333	1.1099
200	-0.2551	252	-0.1511	334	1.1149
201	-0.2531	253	-0.0261	335	1.1149
202	-0.2591	254	-0.1691	336	1.1219
203	-0.2531	255	-0.8781	337	1.1259
204	-0.2531	256	-0.7641	338	1.1289
205	0.0569	257	-0.6611	339	1.1289
206	0.1269	258	-0.4401	340	1.1299
207	0.0889	259	-0.2721	341	1.1259
208	0.0939	260	-0.2161	350	-0.1011
210	0.0509	261	-0.1541	351	-0.1001
211	-0.0001	262	-0.1021	352	-0.1021
212	-0.1521	263	-0.1721	353	-0.1021
213	-0.6941	264	-0.1411	354	-0.1021
214	-0.6661	265	-0.1771	355	-0.1001
215	-0.5941	266	-0.2101		
216	-0.3801	267	-0.1761		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1729

TUNNEL = 11

TEST NO. = 086

TEST PHASE = 2

RUN NUMBER = 126.

CONFIGURATION NO. = 11.

ANGLE OF MODEL ROLL(DEG) = 450.0

MACH NUMBER = 0.696

TUNNEL DYNAMIC PRESSURE(PSF) = 555.

TUNNEL STAGNATION PRESSURE(PSF) = 2261.

TUNNEL STATIC PRESSURE(PSF) = 1636.

REYNOLDS NUMBER PER FOOT = 3.9910E 06

MODEL ANGLE OF ATTACK(DEG) = 11.96

FIN ANGLE(DEG) = -0.

FREE⁰STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 550.

SCANIVALUE	CP(REF)
147	-0.1377
247	-0.1387
347	-0.1387
447	-0.1377
547	-0.1427
647	-0.1427
747	-0.1437

ORF	CP	ORF	CP	ORF	CP
1	-0.1377	52	-0.1047	102	-0.1027
2	-0.1377	53	-0.1027	103	-0.1027
3	-0.1377	54	-0.1047	104	-0.1047
4	-0.1377	55	-0.1057	105	-0.1047
5	-0.1377	56	-0.1027	110	-0.1237
6	-0.1377	57	-0.1007	111	-0.1627
7	-0.1377	58	-0.1047	112	-0.1147
8	-0.1377	59	-0.1037	113	-0.1437
9	-0.1377	60	-0.1047	114	-0.1117
10	-0.1377	61	-0.1037	115	-0.1107
11	-0.1377	62	-0.1037	116	-0.1107
12	-0.1377	63	-0.1017	117	-0.1097
13	-0.1377	64	-0.1027	118	-0.1117
14	-0.1377	65	-0.1027	119	-0.1127
15	-0.1377	66	-0.1047	120	-0.0297
16	-0.1377	67	-0.1017	121	-0.1137
17	-0.1377	68	-0.1047	122	-0.1107
18	-0.1377	69	-0.1027	123	-0.1127
19	-0.1377	70	-0.0997	124	-0.0907
20	-0.1377	71	-0.1027	125	-0.1127
21	-0.1377	72	-0.1087	126	-0.1077
22	-0.1377	73	-0.1027	127	-0.1087
23	-0.1377	74	-0.1037	128	-0.1287
24	-0.1377	75	-0.1027	129	-0.0287
25	-0.1377	76	-0.1027	135	-0.0577
26	-0.1377	77	-0.1037	136	-0.0587
27	-0.1377	78	-0.1047	137	-0.0647
28	-0.1377	79	-0.1037	138	0.0463
29	-0.1377	80	-0.1057	139	0.0423
30	-0.1377	81	-0.1027	140	0.0323
32	-0.1377	82	-0.1047	141	0.0803
33	-0.1377	83	-0.1017	142	0.0703
34	-0.1377	84	-0.1017	143	0.1013
35	-0.1377	85	-0.1017	145	-0.0547
36	-0.1377	86	-0.1017	147	0.0653
37	-0.1377	87	-0.1027	151	-0.0727
38	-0.1377	88	-0.1017	152	-0.1977
39	-0.1377	89	-0.1037	153	-0.2477
40	-0.1377	90	-0.1037	154	-0.2877
41	-0.1377	91	-0.1047	155	-0.0167
42	-0.1377	92	-0.1027	156	-0.1197
43	-0.1017	93	-0.1057	157	-0.2267
44	-0.1007	94	-0.1047	158	0.1413
45	-0.1017	95	-0.1057	159	-0.0317
46	-0.0997	96	-0.1027	160	-0.0897
47	-0.1017	97	-0.1037	161	-0.1777
48	-0.1007	98	-0.1037	162	0.1243
49	-0.1027	99	-0.1057	163	0.0393
50	-0.1037	100	-0.1057	164	0.0373
51	-0.1037	101	-0.1067	165	-0.1677

ORF	CP	ORF	CP	ORF	CP
166	0.1193	217	-0.2307	268	-0.2827
167	0.0173	218	-0.1867	269	-0.2967
168	-0.0507	219	-0.1367	270	-0.1997
169	-0.1587	220	-0.1127	271	-0.1537
170	0.0323	221	-0.0857	272	-0.1847
171	-0.0277	222	-0.0387	273	-0.2017
172	-0.1617	223	0.0623	274	-0.2187
173	0.0473	224	0.0963	275	0.0133
174	-0.0257	225	-0.0007	276	0.0603
175	-0.1057	226	-0.1667	277	-0.1577
176	-0.2257	227	-0.7067	278	-1.0197
177	-0.2967	228	-0.6677	279	-0.9817
178	-0.3137	229	-0.6087	280	-0.9367
179	-0.2187	230	-0.4127	281	-0.7197
180	-0.3047	231	-0.2347	282	-0.3977
181	0.0783	232	-0.1897	283	-0.2777
182	0.2013	233	-0.1447	284	-0.1917
183	0.1653	234	-0.1087	285	-0.1367
184	0.2273	235	-0.1067	286	-0.1867
185	0.2623	236	-0.0487	287	-0.1807
186	0.2973	237	0.0213	288	-0.2067
187	0.3413	238	0.0533	289	-0.2167
188	0.3913	239	-0.0447	290	-0.2367
189	0.4103	240	-0.1497	291	-0.7477
190	0.4783	241	-0.7367	292	-0.2637
191	-0.2717	242	-0.5777	325	-0.1557
192	-0.2667	244	-0.3297	326	0.0423
193	-0.2647	245	-0.2497	327	0.2783
194	-0.2707	246	-0.2077	328	0.5113
195	-0.2597	247	-0.1567	329	0.7353
196	-0.2917	248	-0.1167	330	0.8973
197	-0.2697	249	-0.1537	331	1.0153
198	-0.2767	250	-0.1187	332	1.0453
199	-0.2797	251	-0.1227	333	1.0593
200	-0.2687	252	-0.1667	334	1.0743
201	-0.2727	253	-0.0427	335	1.0753
202	-0.2807	254	-0.1907	336	1.0943
203	-0.2877	255	-0.9257	337	1.0973
204	-0.2747	256	-0.8517	338	1.1043
205	-0.0537	257	-0.7527	339	1.1063
206	0.0723	258	-0.5307	340	1.1073
207	-0.0257	259	-0.3087	341	1.1043
208	-0.0077	260	-0.2417	350	-0.1107
210	0.0273	261	-0.1777	351	-0.1097
211	-0.0227	262	-0.1237	352	-0.1107
212	-0.1727	263	-0.2137	353	-0.1117
213	-0.7067	264	-0.1797	354	-0.1117
214	-0.6657	265	-0.2107	355	-0.1107
215	-0.6017	266	-0.2617		
216	-0.3947	267	-0.2857		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1730
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 126.
CONFIGURATION NO. = 11.
ANGLE OF MODEL ROLL(DEG) = 450.0
MACH NUMBER = 0.696
TUNNEL DYNAMIC PRESSURE(PSF) = 555.
TUNNEL STAGNATION PRESSURE(PSF) = 2261.
TUNNEL STATIC PRESSURE(PSF) = 1635.
REYNOLDS NUMBER PER FOOT = 3.9940E 06
MODEL ANGLE OF ATTACK(DEG) = 14.15
FIN ANGLE(DEG) = -0.
FREE-STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 549.

SCANIVALUE	CP(REF)
147	-0.1389
247	-0.1399
347	-0.1389
447	-0.1379
547	-0.1309
647	-0.1309
747	-0.1309

ORF	CP	ORF	CP	ORF	CP
1	-0.1389	52	-0.1139	102	-0.1159
2	-0.1389	53	-0.1139	103	-0.1119
3	-0.1389	54	-0.1129	104	-0.1119
4	-0.1389	55	-0.1129	105	-0.1149
5	-0.1389	56	-0.1149	110	-0.1329
6	-0.1389	57	-0.1109	111	-0.1629
7	-2.2859	58	-0.1099	112	-0.1099
8	-0.1389	59	-0.1139	113	-0.1369
9	-0.1389	60	-0.1109	114	-0.1069
10	-2.2869	61	-0.1129	115	-0.1059
11	-2.2879	62	-0.1129	116	-0.1069
12	-0.1389	63	-0.1129	117	-0.1069
13	-0.1389	64	-0.1109	118	-0.1089
14	-2.2879	65	-0.1129	119	-0.1059
15	-2.2869	66	-0.1139	120	0.0071
16	-0.1389	67	-0.1139	121	-0.1079
17	-2.2859	68	-0.1159	122	-0.1059
18	-0.1389	69	-0.1139	123	-0.1069
19	-2.2869	70	-0.1149	124	-0.0969
20	-2.2879	71	-0.1139	125	-0.1199
21	-2.2869	72	-0.1129	126	-0.1119
22	-2.2879	73	-0.1129	127	-0.1189
23	-0.1389	74	-0.1129	128	-0.1229
24	-0.1389	75	-0.1119	129	0.0021
25	-2.2879	76	-0.1109	135	-0.0629
26	-0.1389	77	-0.1099	136	-0.0569
27	-0.1389	78	-0.1129	137	-0.0739
28	-0.1389	79	-0.1119	138	0.0521
29	-2.2859	80	-0.1129	139	0.0451
30	-2.2869	81	-0.1169	140	0.0351
32	-0.1389	82	-0.1139	141	0.0941
33	-2.2879	83	-0.1129	142	0.0751
34	-2.2889	84	-0.1129	143	0.1201
35	-0.1389	85	-0.1139	145	-0.0649
36	-2.2879	86	-0.1159	147	0.0771
37	-2.2859	87	-0.1159	151	-0.0869
38	-0.1389	88	-0.1139	152	-0.2079
39	-2.2879	89	-0.1159	153	-0.2539
40	-2.2879	90	-0.1149	154	-0.3059
41	-0.1389	91	-0.1129	155	-0.0479
42	-2.2879	92	-0.1149	156	-0.1479
43	-0.1119	93	-0.1159	157	-0.2459
44	-0.1119	94	-0.1169	158	0.1091
45	-0.1119	95	-0.1179	159	-0.0589
46	-0.1159	96	-0.1109	160	-0.1229
47	-0.1149	97	-0.1139	161	-0.1989
48	-0.1139	98	-0.1149	162	0.0921
49	-0.1149	99	-0.1139	163	0.0101
50	-0.1169	100	-0.1119	164	0.0441
51	-0.1149	101	-0.1139	165	-0.1949

ORF	CP	ORF	CP	ORF	CP
1	-0.1222	52	-0.0812	102	-0.0802
2	-0.1222	53	-0.0832	103	-0.0822
3	-0.1222	54	-0.0772	104	-0.0812
4	-0.1222	55	-0.0812	105	-0.0772
5	-0.1222	56	-0.0812	110	-0.0862
6	-0.1222	57	-0.0822	111	-0.1032
7	-0.1222	58	-0.0802	112	-0.0662
8	-0.1222	59	-0.0772	113	-0.0872
9	-0.1222	60	-0.0792	114	-0.0822
10	-0.1222	61	-0.0792	115	-0.0822
11	-0.1222	62	-0.0822	116	-0.0832
12	-0.1222	63	-0.0812	117	-0.0852
13	-0.1222	64	-0.0792	118	-0.0832
14	-0.1222	65	-0.0782	119	-0.0852
15	-0.1222	66	-0.0802	120	-0.0822
16	-0.1222	67	-0.0812	121	-0.0842
17	-0.1222	68	-0.0792	122	-0.0832
18	-0.1222	69	-0.0812	123	-0.0852
19	-0.1222	70	-0.0802	124	-0.0302
20	-0.1222	71	-0.0772	125	-0.0672
21	-0.1222	72	-0.0792	126	-0.0442
22	-0.1222	73	-0.0782	127	-0.0582
23	-0.1222	74	-0.0772	128	-0.0712
24	-0.1222	75	-0.0802	129	-0.0782
25	-0.1222	76	-0.0812	135	-0.0012
26	-0.1222	77	-0.0842	136	-0.0072
27	-0.1222	78	-0.0802	137	-0.0032
28	-0.1222	79	-0.0822	138	0.0778
29	-0.1222	80	-0.0832	139	0.0718
30	-0.1222	81	-0.0842	140	0.0738
32	-0.1222	82	-0.0822	141	0.0868
33	-0.1222	83	-0.0802	142	0.0878
34	-0.1222	84	-0.0752	143	0.0898
35	-0.1222	85	-0.0802	145	-0.0172
36	-0.1222	86	-0.0802	147	0.0958
37	-0.1222	87	-0.0802	151	-0.0292
38	-0.1222	88	-0.0842	152	-0.1452
39	-0.1222	89	-0.0802	153	-0.2552
40	-0.1222	90	-0.0782	154	-0.2772
41	-0.1222	91	-0.0772	155	0.3398
42	-0.1222	92	-0.0832	156	0.0288
43	-0.0792	93	-0.0812	157	-0.1312
44	-0.0762	94	-0.0772	158	0.3728
45	-0.0792	95	-0.0782	159	0.1928
46	-0.0792	96	-0.0792	160	0.1238
47	-0.0792	97	-0.0782	161	-0.0032
48	-0.0822	98	-0.0812	162	0.3878
49	-0.0812	99	-0.0822	163	0.3028
50	-0.0772	100	-0.0782	164	0.0708
51	-0.0772	101	-0.0802	165	0.0168

ORF	CP	ORF	CP	ORF	CP
166	0.3748	217	-0.2432	268	-0.1122
167	0.2078	218	-0.1402	269	-0.1562
168	0.1478	219	-0.0742	270	-0.1742
169	-0.0072	220	-0.0292	271	-0.0992
170	0.3008	221	0.0038	272	-0.1332
171	0.0528	222	0.1088	273	-0.1582
172	-0.1312	223	0.2748	274	-0.1782
173	-0.0012	224	0.3108	275	0.2308
174	-0.1912	225	0.1588	276	0.1568
175	-0.2012	226	-0.0552	277	-0.0562
176	-0.3002	227	-0.8642	278	-0.8642
177	-0.3582	228	-0.8162	279	-0.8402
178	-0.1502	229	-0.7482	280	-0.8062
179	-0.0482	230	-0.4842	281	-0.6362
180	-0.2402	231	-0.2102	282	-0.3002
181	0.1788	232	-0.1422	283	-0.1622
182	0.3988	233	-0.0842	284	-0.1052
183	0.3618	234	-0.0282	285	-0.1212
184	0.5048	235	-0.0352	286	-0.0932
185	0.5528	236	0.0488	287	-0.1022
186	0.6688	237	0.1618	288	-0.1512
187	0.7718	238	0.1168	289	-0.1802
188	0.8378	239	0.1328	290	-0.2132
189	0.8578	240	-0.0182	291	-0.7052
190	0.3598	241	-0.7392	292	-0.0412
191	-0.2512	242	-0.7242	325	0.2548
192	-0.2562	244	-0.3792	326	0.2868
193	-0.2522	245	-0.2082	327	0.3258
194	-0.2542	246	-0.1582	328	0.3648
195	-0.2502	247	-0.1022	329	0.3948
196	-0.2602	248	-0.0542	330	0.4688
197	-0.2532	249	-0.0842	331	0.6258
198	-0.2542	250	-0.0562	332	0.7818
199	-0.2592	251	-0.0852	333	0.8558
200	-0.2632	252	-0.1342	334	1.0108
201	-0.2582	253	0.1408	335	1.0998
202	-0.2532	254	-0.0562	336	1.1278
203	-0.2542	255	-0.8642	337	1.1398
204	-0.2562	256	-0.8412	338	1.1408
205	0.1328	257	-0.7852	339	1.1398
206	0.1628	258	-0.5332	340	1.1398
207	0.1598	259	-0.2272	341	1.1388
208	0.1528	260	-0.1472	350	-0.0852
210	0.2148	261	-0.0902	351	-0.0842
211	0.1668	262	-0.0442	352	-0.0812
212	-0.0422	263	-0.1302	353	-0.0832
213	-0.8272	264	-0.0992	354	-0.0832
214	-0.8142	265	-0.1322	355	-0.0832
215	-0.7882	266	-0.1752		
216	-0.5972	267	-0.1102		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1743
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 300.
CONFIGURATION NO. = 12.
ANGLE OF MODEL ROLL(DEG) = 450.0
MACH NUMBER = 1.349
TUNNEL DYNAMIC PRESSURE(PSF) = 831.
TUNNEL STAGNATION PRESSURE(PSF) = 1933.
TUNNEL STATIC PRESSURE(PSF) = 653.
REYNOLDS NUMBER PER FOOT = 4.0070E 06
MODEL ANGLE OF ATTACK(DEG) = -12.10
FIN ANGLE(DEG) = -0.
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 559.

SCANIVALUE	CP(REF)
147	1.3372
247	1.3362
347	1.3372
447	1.3372
547	1.3372
647	1.3372
747	0.0722

ORF	CP	ORF	CP	ORF	CP
1	0.1352	52	0.1582	102	-0.1938
2	0.1382	53	0.0592	103	-0.5288
3	0.1302	54	-0.0498	104	0.0832
4	0.1362	55	0.4442	105	-0.4678
5	0.1272	56	0.3922	110	-0.5778
6	0.1132	57	0.3482	111	-0.5898
7	0.1072	58	0.3082	112	-0.5448
8	0.1022	59	0.2802	113	-0.5758
9	0.0912	60	0.2592	114	-0.2588
10	0.0842	61	0.2502	115	-0.2558
11	0.0772	62	0.2482	116	-0.2448
12	0.0752	63	0.2722	117	-0.2528
13	0.0642	64	0.0042	118	-0.2528
14	-0.0128	65	-0.0018	119	-0.2498
15	-0.0588	66	0.4822	120	-0.5138
16	0.1692	67	0.4182	121	-0.2538
17	0.1652	68	0.3852	122	-0.2538
18	0.1662	69	0.3732	123	-0.2498
19	0.1442	70	0.3562	124	-0.5398
20	0.1312	71	0.3602	125	-0.5568
21	0.1242	72	0.3502	126	-0.5338
22	0.1162	73	0.3252	127	-0.5478
23	0.1012	74	0.0252	128	-0.5218
24	0.0872	75	0.5512	129	-0.6068
25	0.0792	76	0.4842	135	-0.5308
26	0.0722	77	0.4672	136	-0.5228
27	0.0592	78	0.4422	137	-0.5228
28	0.0012	79	0.4152	138	-0.3658
29	-0.1198	80	0.3712	139	-0.3678
30	0.2552	81	0.2642	140	-0.3728
32	0.1942	82	-0.0068	141	-0.2398
33	0.1792	83	0.5822	142	-0.2338
34	0.1622	84	0.5182	143	-0.2318
35	0.1442	85	0.4592	145	-0.5268
36	0.1342	86	0.4042	147	-0.2368
37	0.1192	87	0.3312	151	0.1272
38	0.1092	88	0.2472	152	0.0232
39	0.1002	89	-0.0448	153	-0.0788
40	0.0862	90	0.5502	154	-0.1568
41	0.0552	91	0.3752	155	0.3182
42	-0.1288	92	0.2782	156	0.3222
43	0.3702	93	0.2212	157	0.2232
44	0.3222	94	0.1592	158	0.4772
45	0.2722	95	-0.1098	159	0.3972
46	0.2422	96	-0.1198	160	0.3912
47	0.2232	97	-0.2708	161	0.3342
48	0.2022	98	-0.3328	162	0.2842
49	0.1812	99	-0.3798	163	0.1992
50	0.1712	100	-0.4288	164	-0.3808
51	0.1582	101	-0.2248	165	0.0082

ORF	CP	ORF	CP	ORF	CP
166	0.2132	217	0.0902	268	-0.0768
167	0.1212	218	0.0922	269	0.1832
168	0.0672	219	0.0902	270	0.2662
169	-0.0448	220	0.0902	271	-0.1848
170	0.1782	221	0.1992	272	-0.1348
171	0.1002	222	0.1162	273	0.2022
172	-0.0508	223	-0.2878	274	0.2182
173	0.1122	224	-0.2878	275	0.1342
174	0.0242	225	-0.2928	276	0.1592
175	-0.0858	226	-0.5298	277	0.1572
176	-0.2428	227	-0.5268	278	0.0732
177	-0.0018	228	-0.5238	279	0.1012
178	-0.0078	229	-0.5218	280	0.1222
179	0.0672	230	-0.4978	281	0.1282
180	-0.3368	231	-0.3828	282	0.1222
181	0.8502	232	-0.3038	283	0.1222
182	1.0222	233	-0.2208	284	0.1002
183	0.7712	234	-0.1648	285	0.0882
184	1.2872	235	-0.1658	286	-0.2288
185	1.4542	236	-0.1588	287	-0.1738
186	1.4902	237	-0.2008	288	0.1202
187	1.4902	238	-0.2038	289	0.1332
188	1.4882	239	-0.0398	290	0.2152
189	1.4852	240	-0.0628	291	-0.2688
190	-0.3268	241	-0.5428	292	-0.0298
191	-0.3238	242	-0.4828	325	0.0852
192	-0.3158	244	-0.3578	326	0.0832
193	-0.3148	245	-0.2568	327	0.0862
194	-0.3178	246	-0.2088	328	0.0882
195	-0.3178	247	-0.1398	329	0.0872
196	-0.3148	248	-0.0748	330	0.0862
197	-0.3158	249	-0.1268	331	0.0852
198	-0.3178	250	-0.0838	332	0.0862
199	-0.3188	251	-0.0458	333	0.0892
200	-0.3218	252	-0.0018	334	0.0872
201	-0.3148	253	0.1962	335	0.0852
202	-0.3178	254	0.1642	336	0.0832
203	-0.3198	255	-0.2868	337	0.0852
204	-0.3148	256	-0.1958	338	0.0822
205	-0.1468	257	-0.1208	339	0.0872
206	-0.1478	258	-0.0278	340	0.0892
207	-0.0478	259	0.0172	341	0.0882
208	-0.0438	260	0.0232	350	-0.2438
210	0.3072	261	0.0152	351	-0.2528
211	0.8382	262	0.0362	352	-0.2568
212	0.9412	263	-0.1048	353	-0.2518
213	0.0952	264	-0.0548	354	-0.2538
214	0.0892	265	0.1582	355	-0.2548
215	0.0912	266	0.2212		
216	0.0922	267	-0.1298		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1744
 TUNNEL = 11
 TEST NO. = 086
 TEST PHASE = 2
 RUN NUMBER = 300.
 CONFIGURATION NO. = 12.
 ANGLE OF MODEL ROLL(DEG) = 450.0
 MACH NUMBER = 1.351
 TUNNEL DYNAMIC PRESSURE(PSF) = 831.
 TUNNEL STAGNATION PRESSURE(PSF) = 1934.
 TUNNEL STATIC PRESSURE(PSF) = 651.
 REYNOLDS NUMBER PER FOOT = 4.0080E 06
 MODEL ANGLE OF ATTACK(DEG) = -8.10
 FIN ANGLE(DEG) = -0.
 FREE^oSTREAM TOTAL TEMPERATURE(DEG. RANKINE) = 559.

SCANIVALUE	CP(REF)
147	1.3366
247	1.3356
347	1.3366
447	1.3366
547	1.3376
647	1.3366
747	-0.7834

ORF	CP	ORF	CP	ORF	CP
1	0.2196	52	0.1426	102	-0.1534
2	0.0626	53	0.0416	103	-0.5104
3	0.0286	54	-0.0974	104	0.0966
4	0.0676	55	0.3866	105	-0.4414
5	0.0996	56	0.3346	110	-0.7834
6	0.1056	57	0.3006	111	-0.7834
7	0.1066	58	0.2606	112	-0.7834
8	0.1006	59	0.2386	113	-0.7834
9	0.1006	60	0.2156	114	-0.7834
10	0.0936	61	0.1976	115	-0.7834
11	0.0886	62	0.2026	116	-0.7834
12	0.0866	63	0.1906	117	-0.7834
13	0.0846	64	-0.0444	118	-0.7834
14	0.0136	65	-0.0494	119	-0.7834
15	-0.0264	66	0.4006	120	-0.7834
16	0.1566	67	0.3396	121	-0.7834
17	0.1046	68	0.3016	122	-0.7834
18	0.1216	69	0.2786	123	-0.7834
19	0.1386	70	0.2886	124	-0.7834
20	0.1316	71	0.2806	125	-0.7834
21	0.1256	72	0.2666	126	-0.7834
22	0.1146	73	0.2476	127	-0.7834
23	0.1036	74	-0.0314	128	-0.7834
24	0.0956	75	0.4466	129	-0.7834
25	0.0886	76	0.3986	135	-0.7834
26	0.0846	77	0.3766	136	-0.7834
27	0.0816	78	0.3556	137	-0.7834
28	0.0476	79	0.3356	138	-0.7834
29	-0.1154	80	0.2936	139	-0.7834
30	0.2326	81	0.2016	140	-0.7834
32	0.2056	82	-0.0684	141	-0.7834
33	0.1916	83	0.4756	142	-0.7834
34	0.1706	84	0.4196	143	-0.7834
35	0.1536	85	0.3786	145	-0.7834
36	0.1386	86	0.3246	147	-0.7834
37	0.1246	87	0.2426	151	0.0706
38	0.1166	88	0.1726	152	-0.0544
39	0.1016	89	-0.0954	153	-0.2054
40	0.1026	90	0.4726	154	-0.2774
41	0.0846	91	0.2876	155	0.3666
42	-0.1364	92	0.1926	156	0.2996
43	0.3346	93	0.1336	157	0.1886
44	0.3006	94	0.0946	158	0.6016
45	0.2656	95	-0.1534	159	0.4406
46	0.2386	96	-0.1414	160	0.4276
47	0.2156	97	-0.2234	161	0.3646
48	0.1946	98	-0.1324	162	0.3556
49	0.1666	99	-0.2454	163	0.2756
50	0.1546	100	-0.1264	164	-0.7834
51	0.1466	101	-0.1844	165	0.1106

ORF	CP	ORF	CP	ORF	CP
166	0.2546	217	0.1076	268	-0.0754
167	0.2446	218	0.1036	269	0.2446
168	0.2216	219	0.0956	270	0.3406
169	0.1186	220	0.0996	271	-0.1664
170	0.2486	221	0.1166	272	-0.1544
171	0.1846	222	0.0596	273	0.2266
172	0.0276	223	-0.2934	274	0.2186
173	0.1406	224	-0.2964	275	0.1746
174	0.0706	225	-0.1934	276	0.3076
175	-0.0574	226	-0.2514	277	0.2596
176	-0.2294	227	-0.5484	278	-0.2074
177	-0.1234	228	-0.5214	279	-0.1334
178	-0.1384	229	-0.4934	280	-0.0474
179	-0.0544	230	-0.4404	281	0.0206
180	-0.3214	231	-0.3074	282	0.0976
181	0.7876	232	-0.2234	283	0.1096
182	0.9396	233	-0.0974	284	0.1036
183	0.6736	234	-0.0294	285	0.1096
184	1.1716	235	-0.0504	286	-0.1834
185	1.3426	236	-0.0694	287	-0.1814
186	1.4246	237	-0.1644	288	0.0996
187	1.4876	238	-0.1634	289	0.1476
188	1.5026	239	0.1706	290	0.2806
189	1.4946	240	0.0946	291	-0.2124
190	-0.3134	241	-0.3014	292	0.0116
191	-0.3154	242	-0.2754	325	0.1006
192	-0.3084	244	-0.1344	326	0.1016
193	-0.3104	245	-0.0754	327	0.1036
194	-0.3114	246	-0.0754	328	0.1026
195	-0.3114	247	-0.0364	329	0.1026
196	-0.3084	248	-0.0014	330	0.1016
197	-0.3084	249	-0.0294	331	0.1006
198	-0.3084	250	-0.0314	332	0.1036
199	-0.3084	251	-0.0414	333	0.1026
200	-0.3084	252	-0.0084	334	0.1026
201	-0.3064	253	0.1956	335	0.1006
202	-0.3104	254	0.1316	336	0.0996
203	-0.3104	255	-0.2724	337	0.1016
204	-0.3064	256	-0.2064	338	0.1026
205	-0.7834	257	-0.1324	339	0.1016
206	-0.7834	258	-0.0514	340	0.1036
207	-0.7834	259	0.0066	341	0.1016
208	-0.7834	260	0.0176	350	-0.7834
210	0.1776	261	0.0216	351	-0.7834
211	0.5706	262	0.0496	352	-0.7834
212	0.6806	263	-0.1084	353	-0.7834
213	0.1046	264	-0.0384	354	-0.7834
214	0.1076	265	0.1996	355	-0.7834
215	0.1056	266	0.2936		
216	0.1026	267	-0.1324		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1745
 TUNNEL = 11
 TEST NO. = 086
 TEST PHASE = 2
 RUN NUMBER = 300.
 CONFIGURATION NO. = 12.
 ANGLE OF MODEL ROLL(DEG) = 450.0
 MACH NUMBER = 1.352
 TUNNEL DYNAMIC PRESSURE(PSF) = 832.
 TUNNEL STAGNATION PRESSURE(PSF) = 1935.
 TUNNEL STATIC PRESSURE(PSF) = 650.
 REYNOLDS NUMBER PER FOOT = 4.0030E 06
 MODEL ANGLE OF ATTACK(DEG) = -4.01
 FIN ANGLE(DEG) = -0.
 FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 560.

SCANIVALUE	CP(REF)
147	1.3357
247	1.3357
347	1.3357
447	1.3357
547	1.3367
647	1.3367
747	-0.1953

ORF	CP	ORF	CP	ORF	CP
1	0.2177	52	0.0917	102	-0.1063
2	-0.0623	53	0.0097	103	-0.4452
3	-0.2503	54	-0.1103	104	0.1037
4	-0.1193	55	0.1617	105	-0.3713
5	-0.0493	56	0.1147	110	-1.2272
6	-0.0263	57	0.1037	111	-1.2162
7	-0.0053	58	0.1067	112	-1.1882
8	0.0137	59	0.1137	113	-1.2142
9	0.0167	60	0.1087	114	-0.8312
10	0.0277	61	0.1027	115	-0.8292
11	0.0377	62	0.1137	116	-0.8342
12	0.0547	63	0.1137	117	-0.8392
13	0.0607	64	-0.0973	118	-0.8332
14	-0.0003	65	-0.0973	119	-0.8302
15	-0.0473	66	0.1987	120	-1.2602
16	0.0457	67	0.1617	121	-0.8442
17	-0.0823	68	0.1417	122	-0.8332
18	-0.1063	69	0.1367	123	-0.8292
19	-0.0353	70	0.1577	124	-1.1162
20	-0.0043	71	0.1417	125	-1.1772
21	0.0107	72	0.1567	126	-1.1192
22	0.0207	73	0.1457	127	-1.1552
23	0.0247	74	-0.0793	128	-1.1202
24	0.0367	75	0.2357	129	-1.3142
25	0.0447	76	0.2037	135	-1.1222
26	0.0567	77	0.1907	136	-1.1252
27	0.0687	78	0.1907	137	-1.1232
28	0.0247	79	0.1887	138	-1.0092
29	-0.0973	80	0.1747	139	-1.0092
30	0.0557	81	0.1307	140	-1.0132
32	-0.0273	82	-0.1143	141	-0.8052
33	0.0057	83	0.2797	142	-0.8062
34	0.0327	84	0.2427	143	-0.8002
35	0.0407	85	0.2207	145	-1.1222
36	0.0487	86	0.1847	147	-0.8052
37	0.0597	87	0.1267	151	0.1027
38	0.0567	88	0.0837	152	0.0227
39	0.0707	89	-0.1493	153	-0.0913
40	0.0827	90	0.2997	154	-0.2363
41	0.0637	91	0.1387	155	0.1827
42	-0.1393	92	0.0787	156	0.3067
43	0.1167	93	0.0487	157	0.1757
44	0.0547	94	0.0327	158	0.4457
45	0.0507	95	-0.1723	159	0.3867
46	0.0677	96	-0.2533	160	0.3607
47	0.0827	97	-0.1983	161	0.2937
48	0.0827	98	-0.1023	162	0.2907
49	0.0817	99	-0.0523	163	0.2797
50	0.0827	100	-0.0643	164	-1.0082
51	0.0847	101	-0.1303	165	0.1347

ORF	CP	ORF	CP	ORF	CP
166	0.2787	217	0.1127	268	-0.0833
167	0.3107	218	0.1147	269	0.1927
168	0.2897	219	0.1157	270	0.2497
169	0.1777	220	0.1117	271	-0.1063
170	0.1797	221	0.0287	272	-0.1323
171	0.2957	222	0.0067	273	0.1367
172	0.1277	223	-0.2673	274	0.1467
173	0.1667	224	-0.2773	275	0.3807
174	0.1367	225	0.2267	276	0.3617
175	-0.0003	226	0.1567	277	0.2787
176	-0.2023	227	-0.4412	278	-0.4853
177	0.0187	228	-0.3663	279	-0.4513
178	-0.0683	229	-0.2872	280	-0.3563
179	-0.0593	230	-0.1713	281	-0.2183
180	-0.3113	231	-0.1203	282	-0.0653
181	0.6777	232	-0.0993	283	-0.0133
182	0.8137	233	-0.0493	284	0.0277
183	0.5997	234	-0.0003	285	0.1107
184	1.0387	235	-0.0563	286	-0.1233
185	1.1697	236	-0.0803	287	-0.1493
186	1.2527	237	-0.1663	288	0.0407
187	1.3327	238	-0.1513	289	0.1637
188	1.4137	239	0.2867	290	0.2127
189	1.4537	240	0.2277	291	-0.2922
190	-0.2992	241	-0.5302	292	0.0407
191	-0.3092	242	-0.4693	325	0.1027
192	-0.3003	244	-0.1933	326	0.1087
193	-0.3013	245	-0.1363	327	0.1037
194	-0.3022	246	-0.0983	328	0.1077
195	-0.3043	247	-0.0293	329	0.1057
196	-0.3032	248	0.0567	330	0.1067
197	-0.3013	249	-0.0553	331	0.1097
198	-0.3022	250	-0.0453	332	0.1047
199	-0.3032	251	-0.0113	333	0.1077
200	-0.3032	252	0.0477	334	0.1057
201	-0.3013	253	0.3307	335	0.1087
202	-0.3013	254	0.2667	336	0.1077
203	-0.3043	255	-0.5562	337	0.1017
204	-0.3032	256	-0.5002	338	0.1087
205	-0.6482	257	-0.4553	339	0.1037
206	-0.6533	258	-0.2982	340	0.1087
207	-0.5122	259	-0.1033	341	0.1077
208	-0.5452	260	-0.0393	350	-0.8352
210	0.1497	261	0.0107	351	-0.8332
211	0.2557	262	0.0877	352	-0.8332
212	0.2777	263	-0.0783	353	-0.8382
213	0.1137	264	-0.0533	354	-0.8402
214	0.1147	265	0.1527	355	-0.8352
215	0.1107	266	0.2277		
216	0.1107	267	-0.0833		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1746
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 300.
CONFIGURATION NO. = 12.
ANGLE OF MODEL ROLL(DEG) = 450.0
MACH NUMBER = 1.351
TUNNEL DYNAMIC PRESSURE(PSF) = 830.
TUNNEL STAGNATION PRESSURE(PSF) = 1930.
TUNNEL STATIC PRESSURE(PSF) = 650.
REYNOLDS NUMBER PER FOOT = 3.9930E 06
MODEL ANGLE OF ATTACK(DEG) = 0.09
FIN ANGLE(DEG) = -0.
FREE^oSTREAM TOTAL TEMPERATURE(DEG. RANKINE) = 560.

SCANIVALUE	CP(REF)
147	1.3419
247	1.3409
347	1.3409
447	1.3419
547	1.3429
647	1.3419
747	-3.9981

ORF	CP	ORF	CP	ORF	CP
1	0.3029	52	0.0719	102	-0.0941
2	-0.0221	53	-0.0051	103	-0.4351
3	-0.3431	54	-0.1041	104	0.0909
4	-0.3081	55	0.0289	105	-0.3251
5	-0.2791	56	-0.0261	110	-4.8461
6	-0.2411	57	-0.0641	111	-4.8151
7	-0.1691	58	-0.1001	112	-4.7601
8	-0.0491	59	-0.1141	113	-4.8421
9	-0.0101	60	-0.0231	114	-4.0091
10	-0.0091	61	0.0579	115	-4.0161
11	0.0239	62	0.0929	116	-4.0111
12	0.0389	63	0.1019	117	-3.9921
13	0.0539	64	-0.1021	118	-3.9971
14	0.0189	65	-0.1081	119	-3.9981
15	-0.0351	66	0.0439	120	-4.9881
16	0.0579	67	0.0049	121	-4.0351
17	-0.1201	68	-0.0291	122	-4.0041
18	-0.2501	69	-0.0571	123	-4.0021
19	-0.2931	70	-0.0691	124	-4.6991
20	-0.2641	71	0.0249	125	-4.7481
21	-0.2081	72	0.0929	126	-4.5981
22	-0.0591	73	0.0889	127	-4.6771
23	0.0149	74	-0.0871	128	-4.6031
24	0.0309	75	0.0789	129	-5.0741
25	0.0399	76	0.0389	135	-4.6151
26	0.0579	77	0.0089	136	-4.6151
27	0.0799	78	-0.0021	137	-4.5991
28	0.0449	79	-0.0031	138	-4.3741
29	-0.0681	80	0.1099	139	-4.3691
30	0.0019	81	0.0819	140	-4.3921
32	-0.1811	82	-0.1171	141	-3.9411
33	-0.2391	83	0.0889	142	-3.8561
34	-0.2451	84	0.0639	143	-3.8541
35	-0.1321	85	0.0349	145	-4.6101
36	-0.0031	86	0.0139	147	-4.2661
37	0.0399	87	0.0139	151	0.0909
38	0.0519	88	0.0679	152	-0.0321
39	0.0279	89	-0.1451	153	-0.1131
40	0.0829	90	0.1189	154	-0.2601
41	0.0699	91	0.0259	155	0.0729
42	-0.1151	92	0.0009	156	0.2949
43	0.0029	93	-0.0141	157	0.1649
44	-0.0641	94	0.0279	158	0.4629
45	-0.1211	95	-0.1481	159	0.3809
46	-0.1591	96	-0.3191	160	0.3799
47	-0.1831	97	-0.1161	161	0.3089
48	-0.0911	98	-0.0631	162	0.4329
49	0.0309	99	0.0339	163	0.4969
50	0.0689	100	0.0219	164	-4.3791
51	0.0719	101	-0.1171	165	0.2759

ORF	CP	ORF	CP	ORF	CP
166	0.4949	217	0.0949	268	-0.0861
167	0.3849	218	0.0939	269	0.1729
168	0.4119	219	0.0949	270	0.2379
169	0.3399	220	0.0969	271	-0.1031
170	0.0759	221	-0.0231	272	-0.1211
171	0.3579	222	-0.0711	273	0.0529
172	0.1859	223	-0.2691	274	0.1189
173	0.1079	224	-0.2761	275	0.3859
174	0.0569	225	0.2659	276	0.4329
175	-0.0721	226	0.2319	277	0.3609
176	-0.2671	227	-0.3611	278	-0.4781
177	-0.0211	228	-0.2741	279	-0.4481
178	-0.0881	229	-0.1691	280	-0.3901
179	-0.1031	230	-0.0791	281	-0.3291
180	-0.3111	231	-0.0541	282	-0.2691
181	0.4999	232	-0.0481	283	-0.2091
182	0.6239	233	-0.0331	284	0.0039
183	0.4979	234	0.0239	285	0.0969
184	0.8409	235	-0.0611	286	-0.1031
185	0.9279	236	-0.0801	287	-0.1331
186	0.9399	237	-0.1661	288	-0.0051
187	0.9819	238	-0.1501	289	0.1329
188	1.0489	239	0.2809	290	0.1929
189	1.1059	240	0.2279	291	-0.3031
190	-0.3031	241	-0.5331	292	0.0859
191	-0.3081	242	-0.4761	325	0.0969
192	-0.3041	244	-0.1701	326	0.0899
193	-0.3041	245	-0.0831	327	0.0869
194	-0.3071	246	-0.0701	328	0.0909
195	-0.3021	247	-0.0381	329	0.0869
196	-0.3091	248	0.0579	330	0.0869
197	-0.3051	249	-0.0571	331	0.0909
198	-0.3071	250	-0.0501	332	0.0859
199	-0.3071	251	-0.0211	333	0.0889
200	-0.3061	252	0.0359	334	0.0879
201	-0.3041	253	0.3349	335	0.0849
202	-0.3011	254	0.2619	336	0.0959
203	-0.3031	255	-0.5701	337	0.0969
204	-0.3041	256	-0.5281	338	0.0899
205	-3.5411	257	-0.4971	339	0.0879
206	-3.5001	258	-0.4001	340	0.0919
207	-3.3271	259	-0.2191	341	0.0869
208	-3.4101	260	-0.0801	350	-4.0141
210	0.1779	261	-0.0311	351	-4.0091
211	0.2839	262	0.0949	352	-3.9941
212	0.3219	263	-0.1241	353	-3.9871
213	0.0969	264	-0.0551	354	-3.9891
214	0.0959	265	0.1339	355	-4.0101
215	0.0939	266	0.2069		
216	0.0919	267	-0.1081		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1747
 TUNNEL = 11
 TEST NO. = 086
 TEST PHASE = 2
 RUN NUMBER = 300.
 CONFIGURATION NO. = 12.
 ANGLE OF MODEL ROLL(DEG) = 450.0
 MACH NUMBER = 1.347
 TUNNEL DYNAMIC PRESSURE(PSF) = 830.
 TUNNEL STAGNATION PRESSURE(PSF) = 1932.
 TUNNEL STATIC PRESSURE(PSF) = 653.
 REYNOLDS NUMBER PER FOOT = 4.0030E 06
 MODEL ANGLE OF ATTACK(DEG) = 3.98
 FIN ANGLE(DEG) = -0.
 FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 559.

SCANIVALUE	CP(REF)
147	1.3383
247	1.3383
347	1.3383
447	1.3383
547	1.3383
647	1.3383
747	-4.6497

ORF	CP	ORF	CP	ORF	CP
1	0.2653	52	-0.0597	102	-0.0937
2	-0.0637	53	-0.1127	103	-0.4587
3	-0.2597	54	-0.1927	104	0.1023
4	-0.1647	55	-0.0097	105	-0.3737
5	-0.1487	56	-0.0717	110	-5.9657
6	-0.1587	57	-0.1007	111	-5.9217
7	-0.1697	58	-0.1287	112	-5.9057
8	-0.1587	59	-0.1407	113	-6.0007
9	-0.1707	60	-0.1477	114	-4.9547
10	-0.1417	61	-0.1567	115	-4.9787
11	-0.0987	62	-0.1417	116	-4.9477
12	-0.0657	63	-0.0957	117	-4.9647
13	-0.0247	64	-0.1997	118	-4.9727
14	-0.0647	65	-0.1767	119	-4.9467
15	-0.1117	66	-0.0387	120	-6.1797
16	0.0243	67	-0.0607	121	-4.9817
17	-0.1267	68	-0.0877	122	-4.9707
18	-0.1687	69	-0.1037	123	-4.9737
19	-0.1607	70	-0.1157	124	-5.8847
20	-0.1597	71	-0.1227	125	-5.9407
21	-0.1647	72	-0.1147	126	-5.7867
22	-0.1707	73	-0.1127	127	-5.8727
23	-0.1687	74	-0.2577	128	-5.7617
24	-0.1307	75	-0.1187	129	-6.2677
25	-0.1067	76	-0.0267	135	-5.7757
26	-0.0607	77	-0.0557	136	-5.7757
27	-0.0327	78	-0.0587	137	-5.7697
28	-0.0727	79	-0.0797	138	-5.4837
29	-0.1317	80	-0.0897	139	-5.4997
30	-0.0347	81	-0.0957	140	-5.4887
32	-0.1507	82	-0.2547	141	-4.8597
33	-0.1557	83	-0.1897	142	-4.8617
34	-0.1547	84	0.0003	143	-4.8827
35	-0.1607	85	-0.0267	145	-5.7417
36	-0.1647	86	-0.0447	147	-4.8647
37	-0.1637	87	-0.0437	151	0.2033
38	-0.1327	88	-0.0617	152	0.0633
39	-0.0797	89	-0.2487	153	-0.0567
40	-0.0427	90	-0.2337	154	-0.1857
41	-0.0587	91	0.0393	155	0.1393
42	-0.1577	92	0.0083	156	0.2633
43	-0.0327	93	-0.0327	157	0.1343
44	-0.0887	94	-0.0517	158	0.2813
45	-0.1267	95	-0.2407	159	0.3233
46	-0.1427	96	-0.2377	160	0.2903
47	-0.1517	97	-0.1217	161	0.1833
48	-0.1547	98	0.0843	162	0.2823
49	-0.1657	99	0.1963	163	0.2733
50	-0.1617	100	0.0273	164	-5.4997
51	-0.1257	101	-0.1147	165	0.1403

ORF	CP	ORF	CP	ORF	CP
166	0.4953	217	0.1083	268	-0.0977
167	0.4163	218	0.1103	269	0.1523
168	0.4223	219	0.1073	270	0.1833
169	0.3443	220	0.1013	271	-0.1067
170	0.2223	221	-0.0557	272	-0.1217
171	0.3913	222	-0.1257	273	0.1183
172	0.2113	223	-0.3007	274	0.1613
173	0.1633	224	-0.3097	275	0.3843
174	0.0823	225	0.4203	276	0.4113
175	-0.0827	226	0.3103	277	0.3143
176	-0.2237	227	-0.4507	278	-0.5007
177	0.0773	228	-0.3457	279	-0.4687
178	-0.0037	229	-0.2047	280	-0.3807
179	0.0003	230	-0.0687	281	-0.2257
180	-0.3217	231	-0.0427	282	-0.1397
181	0.3823	232	-0.0447	283	-0.1547
182	0.4923	233	-0.0577	284	-0.1387
183	0.3853	234	0.0463	285	0.1043
184	0.6943	235	-0.0667	286	-0.1047
185	0.7623	236	-0.0897	287	-0.1367
186	0.7783	237	-0.1817	288	0.0433
187	0.8093	238	-0.1647	289	0.1563
188	0.8403	239	0.3943	290	0.1933
189	0.8773	240	0.3573	291	-0.3027
190	-0.3077	241	-0.5237	292	0.0883
191	-0.3187	242	-0.4437	325	0.1023
192	-0.3097	244	-0.2727	326	0.1013
193	-0.3097	245	-0.1497	327	0.0993
194	-0.3117	246	-0.1327	328	0.0993
195	-0.3107	247	-0.0547	329	0.0963
196	-0.3177	248	0.0743	330	0.0943
197	-0.3137	249	-0.1107	331	0.1013
198	-0.3127	250	-0.0857	332	0.0983
199	-0.3137	251	-0.0127	333	0.0993
200	-0.3117	252	0.0823	334	0.0983
201	-0.3097	253	0.4773	335	0.0953
202	-0.3047	254	0.3993	336	0.1013
203	-0.3077	255	-0.5377	337	0.1023
204	-0.3097	256	-0.4907	338	0.1013
205	-4.5277	257	-0.4497	339	0.1013
206	-4.5047	258	-0.3907	340	0.1003
207	-4.2497	259	-0.2707	341	0.0973
208	-4.4307	260	-0.1537	350	-4.9697
210	0.1683	261	-0.0927	351	-4.9787
211	0.4903	262	0.0253	352	-4.9697
212	0.6223	263	-0.1477	353	-4.9597
213	0.1053	264	-0.0907	354	-4.9657
214	0.1023	265	0.1313	355	-4.9307
215	0.1073	266	0.1953		
216	0.1073	267	-0.1077		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1748
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 300.
CONFIGURATION NO. = 12.
ANGLE OF MODEL ROLL(DEG) = 450.0
MACH NUMBER = 1.349
TUNNEL DYNAMIC PRESSURE(PSF) = 831.
TUNNEL STAGNATION PRESSURE(PSF) = 1933.
TUNNEL STATIC PRESSURE(PSF) = 653.
REYNOLDS NUMBER PER FOOT = 4.0030E 06
MODEL ANGLE OF ATTACK(DEG) = 7.96
FIN ANGLE(DEG) = -0.
FREE-STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 560.

SCANIVALUE	CP(REF)
147	1.3382
247	1.3372
347	1.3372
447	1.3382
547	1.3392
647	1.3382
747	1.3372

ORF	CP	ORF	CP	ORF	CP
1	0.2062	52	-0.0588	102	-0.1538
2	-0.0598	53	-0.1528	103	-0.5168
3	-0.1758	54	-0.2148	104	0.0912
4	-0.1418	55	-0.3728	105	-0.4408
5	-0.1298	56	-0.1678	110	-0.5908
6	-0.1218	57	-0.1428	111	-0.5808
7	-0.1048	58	-0.1558	112	-0.5778
8	-0.0908	59	-0.1558	113	-0.6098
9	-0.0868	60	-0.1378	114	-0.3448
10	-0.0788	61	-0.0998	115	-0.3438
11	-0.0628	62	-0.0818	116	-0.3498
12	-0.0408	63	-0.0518	117	-0.3468
13	-0.0278	64	-0.2208	118	-0.3468
14	-0.0808	65	-0.2228	119	-0.3538
15	-0.1398	66	-0.4328	120	-0.6578
16	-0.0208	67	-0.3098	121	-0.3528
17	-0.1198	68	-0.1628	122	-0.3478
18	-0.1618	69	-0.1238	123	-0.3488
19	-0.1518	70	-0.1158	124	-0.6008
20	-0.1348	71	-0.1218	125	-0.6098
21	-0.1218	72	-0.0998	126	-0.5748
22	-0.1188	73	-0.0918	127	-0.5958
23	-0.1028	74	-0.2458	128	-0.5958
24	-0.0848	75	-0.4598	129	-0.6858
25	-0.0708	76	-0.3498	135	-0.5888
26	-0.0508	77	-0.2578	136	-0.5868
27	-0.0398	78	-0.1508	137	-0.5958
28	-0.0988	79	-0.1238	138	-0.4858
29	-0.1748	80	-0.1158	139	-0.4848
30	-0.0988	81	-0.1278	140	-0.4768
32	-0.1558	82	-0.2408	141	-0.2918
33	-0.1608	83	-0.4758	142	-0.2928
34	-0.1438	84	-0.3748	143	-0.2908
35	-0.1208	85	-0.3118	145	-0.5958
36	-0.1008	86	-0.2118	147	-0.2928
37	-0.0928	87	-0.0958	151	0.1512
38	-0.0708	88	-0.0658	152	0.0122
39	-0.0598	89	-0.2318	153	-0.0988
40	-0.0568	90	-0.5238	154	-0.2328
41	-0.0848	91	-0.3608	155	0.2062
42	-0.1958	92	-0.2718	156	0.1542
43	-0.2098	93	-0.2298	157	0.0232
44	-0.1488	94	-0.1358	158	0.2542
45	-0.1568	95	-0.2888	159	0.2382
46	-0.1478	96	-0.0338	160	0.2152
47	-0.1368	97	-0.1038	161	0.1422
48	-0.1248	98	0.2702	162	0.3672
49	-0.1008	99	0.3612	163	0.2722
50	-0.0898	100	0.0792	164	-0.4808
51	-0.0698	101	-0.1968	165	0.1302

ORF	CP	ORF	CP	ORF	CP
166	0.6612	217	0.0852	268	-0.1248
167	0.4752	218	0.0862	269	0.1412
168	0.4742	219	0.0862	270	0.1502
169	0.4082	220	0.0882	271	-0.1748
170	0.4002	221	-0.1078	272	-0.1558
171	0.3602	222	-0.1958	273	0.1282
172	0.2072	223	-0.3428	274	0.1492
173	0.1392	224	-0.3458	275	0.1802
174	-0.0098	225	0.4242	276	0.3602
175	-0.1538	226	0.3452	277	0.2702
176	-0.2778	227	-0.4118	278	-0.3888
177	-0.0148	228	-0.2458	279	-0.3238
178	-0.0318	229	-0.1338	280	-0.2368
179	0.0462	230	-0.0388	281	-0.1428
180	-0.3318	231	-0.0428	282	-0.1158
181	0.4532	232	-0.0358	283	-0.1068
182	0.5882	233	-0.0468	284	-0.0828
183	0.4262	234	0.0492	285	0.0922
184	0.8662	235	-0.0908	286	-0.1718
185	0.9672	236	-0.1018	287	-0.1798
186	0.9302	237	-0.1888	288	0.0912
187	0.9172	238	-0.1638	289	0.2422
188	0.9272	239	0.4142	290	0.1612
189	0.9462	240	0.3682	291	-0.5108
190	-0.3198	241	-0.5048	292	0.0512
191	-0.3298	242	-0.4238	325	0.0862
192	-0.3168	244	-0.2138	326	0.0882
193	-0.3168	245	-0.1008	327	0.0822
194	-0.3218	246	-0.0498	328	0.0822
195	-0.3198	247	-0.0568	329	0.0852
196	-0.3258	248	0.0432	330	0.0832
197	-0.3238	249	-0.1268	331	0.0882
198	-0.3228	250	-0.1088	332	0.0852
199	-0.3258	251	-0.0348	333	0.0822
200	-0.3208	252	0.0532	334	0.0832
201	-0.3178	253	0.3722	335	0.0842
202	-0.3118	254	0.2912	336	0.0902
203	-0.3148	255	-0.5008	337	0.0862
204	-0.3158	256	-0.4318	338	0.0872
205	-0.2518	257	-0.3548	339	0.0842
206	-0.2408	258	-0.2148	340	0.0832
207	-0.2028	259	-0.1268	341	0.0852
208	-0.2188	260	-0.0978	350	-0.3558
210	0.2162	261	-0.0808	351	-0.3558
211	0.5362	262	0.0122	352	-0.3508
212	0.6632	263	-0.1888	353	-0.3508
213	0.0862	264	-0.1068	354	-0.3438
214	0.0882	265	0.1362	355	-0.3488
215	0.0862	266	0.1492		
216	0.0822	267	-0.1668		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1749
 TUNNEL = 11
 TEST NO. = 086
 TEST PHASE = 2
 RUN NUMBER = 300.
 CONFIGURATION NO. = 12.
 ANGLE OF MODEL ROLL(DEG) = 450.0
 MACH NUMBER = 1.349
 TUNNEL DYNAMIC PRESSURE(PSF) = 830.
 TUNNEL STAGNATION PRESSURE(PSF) = 1932.
 TUNNEL STATIC PRESSURE(PSF) = 652.
 REYNOLDS NUMBER PER FOOT = 3.9990E 06
 MODEL ANGLE OF ATTACK(DEG) = 11.93
 FIN ANGLE(DEG) = -0.
 FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 560.

SCANIVALUE	CP(REF)
147	1.3395
247	1.3385
347	1.3395
447	1.3395
547	1.3385
647	1.3395
747	-2.1245

ORF	CP	ORF	CP	ORF	CP
1	0.0765	52	-0.1635	102	-0.2075
2	-0.1425	53	-0.2465	103	-0.5305
3	-0.1375	54	-0.2385	104	0.0505
4	-0.1095	55	-0.4645	105	-0.4665
5	-0.1045	56	-0.3885	110	-2.5625
6	-0.0995	57	-0.3465	111	-2.5525
7	-0.1015	58	-0.3065	112	-2.5475
8	-0.0895	59	-0.2725	113	-2.6215
9	-0.0955	60	-0.2385	114	-2.1615
10	-0.0905	61	-0.2105	115	-2.1725
11	-0.0815	62	-0.1965	116	-2.1705
12	-0.0635	63	-0.1935	117	-2.1815
13	-0.0615	64	-0.3085	118	-2.1815
14	-0.1265	65	-0.3105	119	-2.1745
15	-0.2045	66	-0.5005	120	-2.7745
16	-0.1045	67	-0.4285	121	-2.1725
17	-0.1425	68	-0.3755	122	-2.1595
18	-0.1535	69	-0.3415	123	-2.1595
19	-0.1565	70	-0.3125	124	-2.6745
20	-0.1565	71	-0.2895	125	-2.7235
21	-0.1435	72	-0.2685	126	-2.6495
22	-0.1435	73	-0.2615	127	-2.6925
23	-0.1255	74	-0.3425	128	-2.6835
24	-0.1235	75	-0.5385	129	-2.8735
25	-0.1065	76	-0.4595	135	-2.6885
26	-0.0985	77	-0.3905	136	-2.6815
27	-0.1055	78	-0.3515	137	-2.6755
28	-0.1745	79	-0.3215	138	-2.3505
29	-0.2365	80	-0.3175	139	-2.3635
30	-0.2325	81	-0.3385	140	-2.3615
32	-0.1935	82	-0.3835	141	-2.0185
33	-0.1845	83	-0.5545	142	-2.0005
34	-0.1665	84	-0.4675	143	-2.0435
35	-0.1535	85	-0.4105	145	-2.6845
36	-0.1435	86	-0.3765	147	-2.0125
37	-0.1325	87	-0.3225	151	0.0815
38	-0.1205	88	-0.3065	152	-0.0565
39	-0.1165	89	-0.3895	153	-0.1365
40	-0.1365	90	-0.5735	154	-0.2435
41	-0.1955	91	-0.4965	155	0.1425
42	-0.2355	92	-0.4205	156	0.0575
43	-0.3975	93	-0.4065	157	-0.0705
44	-0.3335	94	-0.4495	158	0.1995
45	-0.2885	95	-0.5565	159	0.1065
46	-0.2395	96	0.1315	160	0.0335
47	-0.2055	97	-0.1445	161	-0.0525
48	-0.1725	98	0.3185	162	0.2905
49	-0.1505	99	0.4215	163	0.1755
50	-0.1355	100	0.1395	164	-2.3665
51	-0.1395	101	-0.2395	165	0.0125

ORF	CP	ORF	CP	ORF	CP
166	0.4355	217	0.0565	268	-0.0965
167	0.3955	218	0.0565	269	0.0855
168	0.3945	219	0.0585	270	0.0995
169	0.3365	220	0.0575	271	-0.2215
170	0.3435	221	-0.1855	272	-0.1435
171	0.3515	222	-0.2565	273	0.0735
172	0.2175	223	-0.3925	274	0.1305
173	0.1455	224	-0.3905	275	0.1295
174	0.0345	225	0.4535	276	0.2215
175	-0.0395	226	0.3505	277	0.1405
176	-0.1625	227	-0.4955	278	-0.4275
177	-0.0895	228	-0.4045	279	-0.3835
178	-0.0895	229	-0.2905	280	-0.3135
179	-0.0445	230	-0.1445	281	-0.1535
180	-0.3405	231	-0.0765	282	-0.0855
181	0.6245	232	-0.0745	283	-0.0935
182	0.7745	233	-0.0645	284	-0.0915
183	0.3635	234	0.0005	285	0.0555
184	1.0175	235	-0.1335	286	-0.2205
185	1.1515	236	-0.1335	287	-0.1745
186	1.0875	237	-0.2385	288	0.1065
187	1.0655	238	-0.2355	289	0.2255
188	1.0385	239	0.2915	290	0.1175
189	1.0375	240	0.2345	291	-0.5395
190	-0.3315	241	-0.4775	292	0.0285
191	-0.3455	242	-0.3765	325	0.0545
192	-0.3275	244	-0.1825	326	0.0535
193	-0.3255	245	-0.1465	327	0.0545
194	-0.3295	246	-0.0945	328	0.0535
195	-0.3285	247	-0.0875	329	0.0575
196	-0.3395	248	-0.0025	330	0.0575
197	-0.3325	249	-0.1825	331	0.0555
198	-0.3345	250	-0.1775	332	0.0565
199	-0.3395	251	-0.0765	333	0.0555
200	-0.3295	252	-0.0055	334	0.0575
201	-0.3235	253	0.3195	335	0.0585
202	-0.3195	254	0.2255	336	0.0535
203	-0.3215	255	-0.5565	337	0.0535
204	-0.3215	256	-0.5155	338	0.0535
205	-2.0505	257	-0.4635	339	0.0555
206	-2.0405	258	-0.3605	340	0.0545
207	-1.9635	259	-0.1435	341	0.0585
208	-2.4945	260	-0.0865	350	-2.1675
210	0.1935	261	-0.0995	351	-2.1755
211	0.5235	262	-0.0355	352	-2.1805
212	0.7095	263	-0.2785	353	-2.1735
213	0.0575	264	-0.1145	354	-2.1645
214	0.0575	265	0.1045	355	-2.1555
215	0.0585	266	0.1225		
216	0.0585	267	-0.2385		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1750
 TUNNEL = 11
 TEST NO. = 086
 TEST PHASE = 2
 RUN NUMBER = 300.
 CONFIGURATION NO. = 12.
 ANGLE OF MODEL ROLL(DEG) = 450.0
 MACH NUMBER = 1.352
 TUNNEL DYNAMIC PRESSURE(PSF) = 831.
 TUNNEL STAGNATION PRESSURE(PSF) = 1932.
 TUNNEL STATIC PRESSURE(PSF) = 650.
 REYNOLDS NUMBER PER FOOT = 4.0040E 06
 MODEL ANGLE OF ATTACK(DEG) = 0.12
 FIN ANGLE(DEG) = -0.
 FREE-STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 559.

SCANIVALUE	CP(REF)
147	1.3428
247	1.3418
347	1.3418
447	1.3428
547	1.3428
647	1.3438
747	1.3398

ORF	CP	ORF	CP	ORF	CP
1	0.3058	52	0.0898	102	-0.0952
2	-0.0232	53	-0.0072	103	-0.4462
3	-0.3432	54	-0.1052	104	0.0838
4	-0.3132	55	0.0298	105	-0.3182
5	-0.2772	56	-0.0272	110	-3.3052
6	-0.2442	57	-0.0692	111	-3.2782
7	-0.1672	58	-0.1052	112	-3.2412
8	-0.0532	59	-0.1232	113	-3.2992
9	-0.0202	60	-0.0392	114	-2.6982
10	0.0088	61	0.0638	115	-2.6792
11	0.0098	62	0.0888	116	-2.6762
12	0.0468	63	0.0998	117	-2.6972
13	0.0678	64	-0.1042	118	-2.6942
14	0.0148	65	-0.1062	119	-2.6792
15	-0.0382	66	0.0388	120	-3.3882
16	0.0588	67	0.0038	121	-2.6992
17	-0.1272	68	-0.0282	122	-2.7082
18	-0.2522	69	-0.0582	123	-2.7002
19	-0.2912	70	-0.0652	124	-3.1812
20	-0.2662	71	-0.0022	125	-3.2302
21	-0.2072	72	0.0868	126	-3.1202
22	-0.0582	73	0.0808	127	-3.1652
23	0.0058	74	-0.0952	128	-3.1172
24	0.0288	75	0.0768	129	-3.4522
25	0.0288	76	0.0338	135	-3.1232
26	0.0448	77	-0.0022	136	-3.1242
27	0.0778	78	-0.0022	137	-3.1102
28	0.0418	79	0.0188	138	-2.9442
29	-0.0762	80	0.0988	139	-2.9432
30	0.0008	81	0.0758	140	-2.9542
32	-0.1892	82	-0.1132	141	-2.5642
33	-0.2412	83	0.1018	142	-2.5622
34	-0.2492	84	0.0658	143	-2.5642
35	-0.1552	85	0.0378	145	-3.1242
36	0.0028	86	0.0088	147	-2.5572
37	0.0378	87	0.0278	151	0.0878
38	0.0468	88	0.0638	152	-0.0212
39	0.0598	89	-0.1302	153	-0.1082
40	0.0858	90	0.1188	154	-0.2652
41	0.0698	91	0.0228	155	0.0648
42	-0.1132	92	-0.0042	156	0.2888
43	0.0018	93	-0.0132	157	0.1638
44	-0.0662	94	0.0088	158	0.4568
45	-0.1212	95	-0.1502	159	0.3668
46	-0.1632	96	-0.3252	160	0.3738
47	-0.1812	97	-0.1192	161	0.3058
48	-0.0732	98	-0.0692	162	0.4308
49	0.0328	99	0.0128	163	0.4938
50	0.0628	100	0.0158	164	-2.9512
51	0.0538	101	-0.1222	165	0.2758

ORF	CP	ORF	CP	ORF	CP
166	0.4988	217	0.0918	268	-0.0862
167	0.3808	218	0.0948	269	0.1658
168	0.4118	219	0.0928	270	0.2278
169	0.3288	220	0.0958	271	-0.1002
170	0.0688	221	-0.0292	272	-0.1262
171	0.3598	222	-0.0712	273	0.0498
172	0.1848	223	-0.2712	274	0.1218
173	0.1018	224	-0.2782	275	0.3858
174	0.0518	225	0.2578	276	0.4308
175	-0.0842	226	0.1918	277	0.3548
176	-0.2672	227	-0.4132	278	-0.4812
177	-0.0282	228	-0.3132	279	-0.4512
178	-0.0872	229	-0.1802	280	-0.3902
179	-0.0992	230	-0.0742	281	-0.3332
180	-0.3132	231	-0.0552	282	-0.2712
181	0.5058	232	-0.0502	283	-0.2072
182	0.6238	233	-0.0312	284	-0.0022
183	0.4968	234	0.0258	285	0.0878
184	0.8528	235	-0.0632	286	-0.1012
185	0.9228	236	-0.0792	287	-0.1292
186	0.9468	237	-0.1712	288	-0.0142
187	0.9738	238	-0.1512	289	0.1348
188	1.0748	239	0.2808	290	0.1948
189	1.1138	240	0.2258	291	-0.3182
190	-0.3052	241	-0.5352	292	0.0848
191	-0.3112	242	-0.4752	325	0.0878
192	-0.3052	244	-0.1712	326	0.0888
193	-0.3052	245	-0.0832	327	0.0848
194	-0.3072	246	-0.0902	328	0.0858
195	-0.3052	247	-0.0392	329	0.0848
196	-0.3122	248	0.0558	330	0.0938
197	-0.3072	249	-0.0582	331	0.0898
198	-0.3092	250	-0.0592	332	0.0848
199	-0.3072	251	-0.0222	333	0.0858
200	-0.3082	252	0.0358	334	0.0858
201	-0.3062	253	0.3368	335	0.0948
202	-0.3012	254	0.2498	336	0.0848
203	-0.3042	255	-0.5732	337	0.0888
204	-0.3072	256	-0.5292	338	0.0888
205	-2.3272	257	-0.4972	339	0.0858
206	-2.3572	258	-0.4012	340	0.0848
207	-2.1392	259	-0.2062	341	0.0868
208	-2.2502	260	-0.0772	350	-2.6972
210	0.1798	261	-0.0252	351	-2.6802
211	0.2878	262	0.0908	352	-2.6812
212	0.3068	263	-0.1212	353	-2.6812
213	0.0898	264	-0.0572	354	-2.6962
214	0.0938	265	0.1338	355	-2.7002
215	0.0938	266	0.2068		
216	0.0908	267	-0.1072		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1752
 TUNNEL = 11
 TEST NO. = 086
 TEST PHASE = 2
 RUN NUMBER = 301.
 CONFIGURATION NO. = 12.
 ANGLE OF MODEL ROLL(DEG) = 450.0
 MACH NUMBER = 1.199
 TUNNEL DYNAMIC PRESSURE(PSF) = 797.
 TUNNEL STAGNATION PRESSURE(PSF) = 1917.
 TUNNEL STATIC PRESSURE(PSF) = 791.
 REYNOLDS NUMBER PER FOOT = 4.0060E 06
 MODEL ANGLE OF ATTACK(DEG) = -12.08
 FIN ANGLE(DEG) = -0.
 FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 559.

SCANIVALUE	CP(REF)
147	1.2225
247	1.2225
347	1.2225
447	1.2225
547	1.2215
647	1.2205
747	-0.3835

ORF	CP	ORF	CP	ORF	CP
1	0.2535	52	0.1685	102	-0.2635
2	0.2255	53	0.0005	103	-0.6635
3	0.2105	54	-0.1745	104	0.0725
4	0.1945	55	0.5085	105	-0.5405
5	0.1935	56	0.4495	110	-4.1755
6	0.1805	57	0.4115	111	-4.2895
7	0.1785	58	0.3785	112	-4.1025
8	0.1685	59	0.3535	113	-4.1345
9	0.1545	60	0.3265	114	-3.2815
10	0.1485	61	0.2915	115	-3.2745
11	0.1385	62	0.2515	116	-3.2795
12	0.1245	63	0.2035	117	-3.2725
13	0.0995	64	-0.1375	118	-3.2725
14	-0.0135	65	-0.1465	119	-3.2695
15	-0.0715	66	0.5355	120	-4.1735
16	0.2805	67	0.4725	121	-3.2745
17	0.2655	68	0.4335	122	-3.2735
18	0.2525	69	0.4035	123	-3.2735
19	0.2355	70	0.3665	124	-4.0775
20	0.2165	71	0.3235	125	-4.1335
21	0.1955	72	0.2735	126	-4.0085
22	0.1815	73	0.1955	127	-4.0865
23	0.1715	74	-0.1435	128	-3.9585
24	0.1565	75	0.5585	129	-4.3675
25	0.1435	76	0.4845	135	-4.0375
26	0.1295	77	0.4285	136	-4.0335
27	0.0945	78	0.3795	137	-3.9615
28	0.0015	79	0.3225	138	-3.3755
29	-0.1395	80	0.2515	139	-3.3805
30	0.3845	81	0.1145	140	-3.4655
32	0.3085	82	-0.1685	141	-2.8015
33	0.2775	83	0.5525	142	-2.8575
34	0.2535	84	0.4665	143	-2.8285
35	0.2275	85	0.3845	145	-4.0345
36	0.2095	86	0.2925	147	-2.8545
37	0.1915	87	0.2065	151	0.0745
38	0.1775	88	0.1005	152	-0.0435
39	0.1565	89	-0.2015	153	-0.1515
40	0.1275	90	0.4785	154	-0.2595
41	0.0535	91	0.2815	155	0.2005
42	-0.1935	92	0.1685	156	0.1975
43	0.4745	93	0.0915	157	0.0645
44	0.4055	94	0.0275	158	0.4185
45	0.3615	95	-0.2615	159	0.2875
46	0.3295	96	-0.1985	160	0.2655
47	0.3015	97	-0.3605	161	0.2005
48	0.2765	98	-0.5175	162	0.3075
49	0.2655	99	-0.5905	163	0.1815
50	0.2455	100	-0.6325	164	-3.4115
51	0.2115	101	-0.3045	165	-0.0165

ORF	CP	ORF	CP	ORF	CP
166	0.2305	217	0.0725	268	-0.1085
167	0.0875	218	0.0705	269	0.1805
168	0.0265	219	0.0725	270	0.2775
169	-0.1045	220	0.0735	271	-0.2405
170	0.1635	221	0.0945	272	-0.1785
171	0.0175	222	-0.0115	273	0.1915
172	-0.1525	223	-0.3405	274	0.2485
173	0.0895	224	-0.3355	275	0.2065
174	-0.0315	225	-0.4705	276	0.2305
175	-0.1735	226	-0.6535	277	0.2445
176	-0.3475	227	-0.6295	278	0.1155
177	-0.0765	228	-0.6325	279	0.1375
178	-0.1135	229	-0.6245	280	0.1745
179	-0.0445	230	-0.5755	281	0.1805
180	-0.3635	231	-0.4105	282	0.1805
181	0.7505	232	-0.3305	283	0.1865
182	0.9365	233	-0.1835	284	0.1575
183	0.7585	234	-0.1225	285	0.0735
184	1.2375	235	-0.1425	286	-0.2955
185	1.3415	236	-0.1415	287	-0.2225
186	1.3715	237	-0.2295	288	0.1225
187	1.3815	238	-0.2185	289	0.1515
188	1.3875	239	0.1665	290	0.2095
189	1.3805	240	0.1005	291	-0.4015
190	-0.3665	241	-0.5525	292	-0.0865
191	-0.3525	242	-0.4395	325	0.0715
192	-0.3445	244	-0.1975	326	0.0695
193	-0.3415	245	-0.1425	327	0.0695
194	-0.3315	246	-0.1045	328	0.0685
195	-0.3545	247	-0.0505	329	0.0675
196	-0.3395	248	-0.0195	330	0.0685
197	-0.3415	249	-0.0675	331	0.0705
198	-0.3395	250	-0.0695	332	0.0715
199	-0.3395	251	-0.0625	333	0.0685
200	-0.3415	252	-0.0155	334	0.0685
201	-0.3375	253	0.2285	335	0.0685
202	-0.3455	254	0.1685	336	0.0705
203	-0.3405	255	-0.1905	337	0.0705
204	-0.3355	256	-0.1095	338	0.0685
205	-2.8915	257	-0.0555	339	0.0695
206	-2.8955	258	0.0325	340	0.0675
207	-2.4775	259	0.0905	341	0.0685
208	-2.3605	260	0.0915	350	-3.2795
210	0.5355	261	0.0815	351	-3.2745
211	0.7295	262	0.0735	352	-3.2675
212	0.8135	263	-0.1085	353	-3.2665
213	0.0735	264	-0.0685	354	-3.2725
214	0.0715	265	0.1645	355	-3.2675
215	0.0715	266	0.2205		
216	0.0735	267	-0.1425		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1753

TUNNEL = 11

TEST NO. = 086

TEST PHASE = 2

RUN NUMBER = 301.

CONFIGURATION NO. = 12.

ANGLE OF MODEL ROLL(DEG) = 450.0

MACH NUMBER = 1.199

TUNNEL DYNAMIC PRESSURE(PSF) = 797.

TUNNEL STAGNATION PRESSURE(PSF) = 1919.

TUNNEL STATIC PRESSURE(PSF) = 793.

REYNOLDS NUMBER PER FOOT = 4.0080E 06

MODEL ANGLE OF ATTACK(DEG) = -8.12

FIN ANGLE(DEG) = -0.

FREE-STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 559.

SCANIVALUE	CP(REF)
147	1.2190
247	1.2180
347	1.2190
447	1.2190
547	1.2190
647	1.2190
747	1.2190

ORF	CP	ORF	CP	ORF	CP
1	0.2630	52	0.1540	102	-0.2440
2	0.0440	53	-0.0120	103	-0.6770
3	0.0590	54	-0.1880	104	0.0860
4	0.1310	55	0.4250	105	-0.6120
5	0.1480	56	0.3720	110	-0.3850
6	0.1620	57	0.3390	111	-0.4100
7	0.1590	58	0.3130	112	-0.3500
8	0.1540	59	0.2850	113	-0.3690
9	0.1490	60	0.2890	114	-0.1130
10	0.1500	61	0.2520	115	-0.1090
11	0.1430	62	0.2140	116	-0.1080
12	0.1360	63	0.1690	117	-0.1090
13	0.1210	64	-0.1630	118	-0.1090
14	0.0080	65	-0.1700	119	-0.1090
15	-0.0640	66	0.4470	120	-0.4090
16	0.2200	67	0.3900	121	-0.1120
17	0.2100	68	0.3650	122	-0.1130
18	0.2070	69	0.3350	123	-0.1110
19	0.2010	70	0.3090	124	-0.3110
20	0.1890	71	0.2730	125	-0.3290
21	0.1790	72	0.2270	126	-0.2760
22	0.1720	73	0.1570	127	-0.3080
23	0.1660	74	-0.1770	128	-0.2780
24	0.1560	75	0.4800	129	-0.4460
25	0.1460	76	0.4120	135	-0.2820
26	0.1320	77	0.3620	136	-0.2790
27	0.1290	78	0.3210	137	-0.2760
28	0.0450	79	0.2720	138	-0.1830
29	-0.1800	80	0.2020	139	-0.1840
30	0.3330	81	0.0770	140	-0.1790
32	0.2740	82	-0.2120	141	0.0300
33	0.2460	83	0.4740	142	0.0290
34	0.2240	84	0.3960	143	0.0390
35	0.2160	85	0.3170	145	-0.2820
36	0.2030	86	0.2280	147	0.0280
37	0.1880	87	0.1390	151	-0.0250
38	0.1690	88	0.0470	152	-0.1340
39	0.1710	89	-0.2560	153	-0.2840
40	0.1540	90	0.4090	154	-0.3420
41	0.0810	91	0.2080	155	0.2410
42	-0.2170	92	0.1010	156	0.1690
43	0.3940	93	0.0320	157	0.0460
44	0.3430	94	-0.0350	158	0.5970
45	0.3130	95	-0.3210	159	0.3190
46	0.2910	96	-0.3420	160	0.3170
47	0.2710	97	-0.2880	161	0.2500
48	0.2480	98	-0.2900	162	0.4480
49	0.2340	99	-0.5250	163	0.3010
50	0.2420	100	-0.4480	164	-0.1790
51	0.2010	101	-0.2820	165	0.0830

ORF	CP	ORF	CP	ORF	CP
166	0.2960	217	0.0910	268	-0.1510
167	0.2860	218	0.0910	269	0.2270
168	0.2430	219	0.0920	270	0.3500
169	0.1080	220	0.0940	271	-0.2470
170	0.2830	221	0.0680	272	-0.2450
171	0.1820	222	-0.0180	273	0.2210
172	-0.0180	223	-0.3180	274	0.2720
173	0.0830	224	-0.3260	275	0.2210
174	0.0030	225	-0.1570	276	0.3740
175	-0.1720	226	-0.2540	277	0.3150
176	-0.4050	227	-0.6220	278	-0.2650
177	-0.2140	228	-0.5870	279	-0.1430
178	-0.2870	229	-0.5710	280	-0.0610
179	-0.2090	230	-0.4940	281	0.0740
180	-0.3540	231	-0.3580	282	0.1490
181	0.6410	232	-0.2450	283	0.1700
182	0.8260	233	-0.0620	284	0.1620
183	0.7030	234	0.0110	285	0.0930
184	1.1080	235	-0.0450	286	-0.2660
185	1.2310	236	-0.0850	287	-0.2670
186	1.3040	237	-0.1950	288	0.1380
187	1.3600	238	-0.2000	289	0.2000
188	1.3840	239	0.2580	290	0.2420
189	1.3890	240	0.1660	291	-0.3880
190	-0.3570	241	-0.2770	292	-0.0220
191	-0.3440	242	-0.2460	325	0.0880
192	-0.3380	244	-0.0950	326	0.0880
193	-0.3370	245	-0.0090	327	0.0880
194	-0.3350	246	-0.0070	328	0.0880
195	-0.3430	247	0.0120	329	0.0880
196	-0.3350	248	0.0190	330	0.0890
197	-0.3360	249	-0.0510	331	0.0890
198	-0.3380	250	-0.0820	332	0.0880
199	-0.3380	251	-0.0870	333	0.0900
200	-0.3410	252	-0.0470	334	0.0890
201	-0.3310	253	0.2620	335	0.0890
202	-0.3390	254	0.1830	336	0.0910
203	-0.3370	255	-0.2200	337	0.0890
204	-0.3300	256	-0.1710	338	0.0880
205	0.0380	257	-0.1070	339	0.0880
206	0.0400	258	0.0160	340	0.0880
207	0.1360	259	0.0830	341	0.0890
208	0.1440	260	0.1020	350	-0.1110
210	0.3100	261	0.0940	351	-0.1070
211	0.6200	262	0.0980	352	-0.1090
212	0.7610	263	-0.1120	353	-0.1110
213	0.0890	264	-0.1040	354	-0.1130
214	0.0890	265	0.1860	355	-0.1110
215	0.0900	266	0.2750		
216	0.0900	267	-0.1500		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1754
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 301.
CONFIGURATION NO. = 12.
ANGLE OF MODEL ROLL(DEG) = 450.0
MACH NUMBER = 1.199
TUNNEL DYNAMIC PRESSURE(PSF) = 797.
TUNNEL STAGNATION PRESSURE(PSF) = 1918.
TUNNEL STATIC PRESSURE(PSF) = 792.
REYNOLDS NUMBER PER FOOT = 4.0010E 06
MODEL ANGLE OF ATTACK(DEG) = -4.02
FIN ANGLE(DEG) = -0.
FREE*STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 560.

SCANIVALUE	CP(REF)
147	1.2203
247	1.2203
347	1.2203
447	1.2213
547	1.2213
647	1.2213
747	0.2143

ORF	CP	ORF	CP	ORF	CP
1	0.2103	52	0.1093	102	-0.1977
2	-0.0797	53	-0.0597	103	-0.6197
3	-0.1227	54	-0.2197	104	0.0963
4	-0.0107	55	0.2583	105	-0.5027
5	0.0443	56	0.2283	110	-0.3487
6	0.0723	57	0.2123	111	-0.3607
7	0.0833	58	0.1963	112	-0.3167
8	0.0893	59	0.1913	113	-0.3387
9	0.0983	60	0.1953	114	-0.0807
10	0.0983	61	0.1823	115	-0.0807
11	0.0973	62	0.1583	116	-0.0807
12	0.0943	63	0.1313	117	-0.0807
13	0.0773	64	-0.1847	118	-0.0807
14	-0.0277	65	-0.1977	119	-0.0787
15	-0.1007	66	0.2923	120	-0.3747
16	0.0423	67	0.2523	121	-0.0827
17	0.0143	68	0.2373	122	-0.0807
18	0.0653	69	0.2263	123	-0.0797
19	0.0863	70	0.2153	124	-0.2527
20	0.0943	71	0.2173	125	-0.2747
21	0.1023	72	0.1843	126	-0.2187
22	0.1033	73	0.1313	127	-0.2497
23	0.1063	74	-0.1997	128	-0.2277
24	0.1063	75	0.3243	129	-0.4157
25	0.1053	76	0.2973	135	-0.2277
26	0.1043	77	0.2813	136	-0.2297
27	0.0823	78	0.2583	137	-0.2297
28	-0.0157	79	0.2193	138	-0.1417
29	-0.1507	80	0.1583	139	-0.1427
30	0.1103	81	0.0543	140	-0.1327
32	0.1353	82	-0.2357	141	0.0563
33	0.1343	83	0.3453	142	0.0533
34	0.1323	84	0.3013	143	0.0513
35	0.1273	85	0.2473	145	-0.2317
36	0.1283	86	0.1663	147	0.0553
37	0.1243	87	0.0953	151	0.0343
38	0.1233	88	0.0183	152	-0.1177
39	0.1203	89	-0.2747	153	-0.2257
40	0.0993	90	0.3173	154	-0.3777
41	0.0223	91	0.1273	155	0.1043
42	-0.2107	92	0.0493	156	0.1973
43	0.2163	93	0.0003	157	0.0393
44	0.1923	94	-0.0467	158	0.4243
45	0.1803	95	-0.3117	159	0.2903
46	0.1713	96	-0.3537	160	0.2573
47	0.1673	97	-0.2627	161	0.1703
48	0.1603	98	-0.1727	162	0.3403
49	0.1533	99	-0.1337	163	0.2733
50	0.1523	100	0.0143	164	-0.1417
51	0.1423	101	-0.2297	165	0.0533

ORF	CP	ORF	CP	ORF	CP
166	0.3073	217	0.0963	268	-0.1527
167	0.2623	218	0.0973	269	0.1653
168	0.2213	219	0.0973	270	0.2313
169	0.0963	220	0.0973	271	-0.2077
170	0.1423	221	0.0133	272	-0.2217
171	0.2063	222	-0.0597	273	0.1533
172	0.0063	223	-0.3257	274	0.2023
173	0.0943	224	-0.3357	275	0.2953
174	-0.0017	225	0.2333	276	0.3853
175	-0.1497	226	0.1543	277	0.2833
176	-0.3787	227	-0.5357	278	-0.4257
177	-0.1147	228	-0.4467	279	-0.3927
178	-0.2237	229	-0.3307	280	-0.2967
179	-0.2087	230	-0.2027	281	-0.1297
180	-0.3427	231	-0.1597	282	0.0403
181	0.5343	232	-0.1277	283	0.0793
182	0.7073	233	-0.0377	284	0.1003
183	0.6223	234	0.0123	285	0.0973
184	0.9833	235	-0.0727	286	-0.2167
185	1.0823	236	-0.1287	287	-0.2407
186	1.1643	237	-0.2397	288	0.1083
187	1.2423	238	-0.2257	289	0.2003
188	1.3143	239	0.3173	290	0.1853
189	1.3443	240	0.2353	291	-0.4697
190	-0.3407	241	-0.4507	292	0.0363
191	-0.3437	242	-0.3927	325	0.0943
192	-0.3417	244	-0.1477	326	0.0943
193	-0.3407	245	-0.0397	327	0.0933
194	-0.3397	246	-0.0057	328	0.0933
195	-0.3377	247	0.0313	329	0.0933
196	-0.3347	248	0.0483	330	0.0933
197	-0.3357	249	-0.0647	331	0.0963
198	-0.3377	250	-0.1017	332	0.0933
199	-0.3407	251	-0.0887	333	0.0943
200	-0.3407	252	-0.0307	334	0.0943
201	-0.3347	253	0.3383	335	0.0953
202	-0.3377	254	0.2473	336	0.0953
203	-0.3387	255	-0.5647	337	0.0953
204	-0.3347	256	-0.4357	338	0.0943
205	0.0893	257	-0.3587	339	0.0933
206	0.0903	258	-0.1487	340	0.0943
207	0.1603	259	-0.0047	341	0.0933
208	0.1483	260	0.0423	350	-0.0797
210	0.2003	261	0.0733	351	-0.0797
211	0.3733	262	0.0983	352	-0.0797
212	0.4413	263	-0.1177	353	-0.0807
213	0.0963	264	-0.1087	354	-0.0787
214	0.0983	265	0.1303	355	-0.0787
215	0.0973	266	0.2033		
216	0.0963	267	-0.1317		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1755
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 301.
CONFIGURATION NO. = 12.
ANGLE OF MODEL ROLL(DEG) = 450.0
MACH NUMBER = 1.201
TUNNEL DYNAMIC PRESSURE(PSF) = 798.
TUNNEL STAGNATION PRESSURE(PSF) = 1918.
TUNNEL STATIC PRESSURE(PSF) = 790.
REYNOLDS NUMBER PER FOOT = 4.0040E 06
MODEL ANGLE OF ATTACK(DEG) = 0.12
FIN ANGLE(DEG) = -0.
FREE^oSTREAM TOTAL TEMPERATURE(DEG. RANKINE) = 560.

SCANIVALUE	CP(REF)
147	1.2220
247	1.2210
347	1.2220
447	1.2220
547	1.2230
647	1.2230
747	1.1500

ORF	CP	ORF	CP	ORF	CP
1	0.2540	52	0.0950	102	-0.1700
2	-0.1200	53	-0.0680	103	-0.6000
3	-0.4410	54	-0.2180	104	0.0950
4	-0.3490	55	-0.0260	105	-0.4520
5	-0.2580	56	-0.0480	110	-1.6830
6	-0.0840	57	0.0510	111	-1.6880
7	0.0000	58	0.1170	112	-1.6290
8	0.0330	59	0.1160	113	-1.6670
9	0.0450	60	0.1330	114	-1.1950
10	0.0580	61	0.1370	115	-1.1930
11	0.0690	62	0.1330	116	-1.1990
12	0.0810	63	0.0990	117	-1.1950
13	0.0770	64	-0.1950	118	-1.1970
14	-0.0230	65	-0.2070	119	-1.1980
15	-0.1070	66	0.0130	120	-1.7360
16	-0.0200	67	0.0730	121	-1.2060
17	-0.2120	68	0.1320	122	-1.1970
18	-0.3310	69	0.1440	123	-1.1970
19	-0.2730	70	0.1430	124	-1.5330
20	-0.0520	71	0.1510	125	-1.5720
21	0.0320	72	0.1390	126	-1.4750
22	0.0560	73	0.0860	127	-1.5280
23	0.0600	74	-0.2170	128	-1.4630
24	0.0730	75	0.1200	129	-1.7790
25	0.0850	76	0.1500	135	-1.4790
26	0.0900	77	0.1600	136	-1.4780
27	0.0840	78	0.1660	137	-1.4660
28	-0.0120	79	0.1610	138	-1.3080
29	-0.1590	80	0.1080	139	-1.3270
30	-0.0700	81	0.0180	140	-1.2980
32	-0.2510	82	-0.2320	141	-0.9630
33	-0.1380	83	0.1780	142	-0.9790
34	0.0360	84	0.1770	143	-0.9610
35	0.0700	85	0.1790	145	-1.4760
36	0.0820	86	0.1270	147	-0.9810
37	0.0850	87	0.0910	151	0.0390
38	0.0950	88	0.0380	152	-0.1340
39	0.1040	89	-0.2360	153	-0.2270
40	0.0880	90	0.1800	154	-0.4130
41	0.0160	91	0.1310	155	0.0690
42	-0.2160	92	0.1010	156	0.1880
43	-0.0610	93	0.0750	157	0.0200
44	-0.1240	94	0.0380	158	0.4610
45	-0.1380	95	-0.2370	159	0.3260
46	0.0530	96	-0.4260	160	0.2740
47	0.0940	97	-0.2200	161	0.1750
48	0.1050	98	0.0640	162	0.4260
49	0.1110	99	0.1670	163	0.3870
50	0.1120	100	0.0240	164	-1.3320
51	0.1150	101	-0.1960	165	0.1120

DRF	CP	DRF	CP	DRF	CP
166	0.5000	217	0.0970	268	-0.1520
167	0.3240	218	0.0980	269	0.1740
168	0.3010	219	0.0990	270	0.2270
169	0.1920	220	0.1000	271	-0.1830
170	0.1180	221	-0.0500	272	-0.2090
171	0.2340	222	-0.1290	273	0.1470
172	0.0300	223	-0.3240	274	0.2230
173	0.0510	224	-0.3310	275	0.3550
174	-0.0550	225	0.3240	276	0.4280
175	-0.2280	226	0.2540	277	0.3270
176	-0.4090	227	-0.6470	278	-0.6380
177	-0.1240	228	-0.5740	279	-0.5900
178	-0.2490	229	-0.4440	280	-0.5070
179	-0.2580	230	-0.2460	281	-0.3970
180	-0.3530	231	-0.0640	282	-0.2560
181	0.3880	232	-0.0060	283	-0.0470
182	0.5540	233	0.0230	284	0.0540
183	0.5260	234	0.0550	285	0.0980
184	0.8150	235	-0.0880	286	-0.1890
185	0.8550	236	-0.1300	287	-0.2260
186	0.8870	237	-0.2290	288	0.0970
187	0.9510	238	-0.2120	289	0.2270
188	1.0210	239	0.3120	290	0.1950
189	1.0650	240	0.2340	291	-0.4340
190	-0.3480	241	-0.6860	292	0.0990
191	-0.3510	242	-0.6080	325	0.0950
192	-0.3430	244	-0.2450	326	0.0940
193	-0.3470	245	-0.1190	327	0.0950
194	-0.3450	246	-0.0470	328	0.0950
195	-0.3430	247	0.0260	329	0.0930
196	-0.3510	248	0.0700	330	0.0940
197	-0.3460	249	-0.0720	331	0.0950
198	-0.3460	250	-0.1060	332	0.0960
199	-0.3470	251	-0.0790	333	0.0950
200	-0.3460	252	-0.0140	334	0.0940
201	-0.3450	253	0.3390	335	0.0940
202	-0.3430	254	0.2470	336	0.0940
203	-0.3430	255	-0.7380	337	0.0950
204	-0.3460	256	-0.6770	338	0.0950
205	-0.9240	257	-0.6360	339	0.0950
206	-0.9180	258	-0.4810	340	0.0950
207	-0.7940	259	-0.1130	341	0.0940
208	-0.8670	260	-0.0320	350	-1.1980
210	0.1830	261	0.0400	351	-1.1970
211	0.3000	262	0.1050	352	-1.2020
212	0.3460	263	-0.1310	353	-1.2010
213	0.0980	264	-0.1130	354	-1.1990
214	0.0960	265	0.1330	355	-1.2020
215	0.0980	266	0.2070		
216	0.0990	267	-0.1420		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1756
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 301.
CONFIGURATION NO. = 12.
ANGLE OF MODEL ROLL(DEG) = 450.0
MACH NUMBER = 1.200
TUNNEL DYNAMIC PRESSURE(PSF) = 797.
TUNNEL STAGNATION PRESSURE(PSF) = 1918.
TUNNEL STATIC PRESSURE(PSF) = 791.
REYNOLDS NUMBER PER FOOT = 4.0040E 06
MODEL ANGLE OF ATTACK(DEG) = 3.98
FIN ANGLE(DEG) = -0.
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 560.

SCANIVALUE	CP(REF)
147	1.2215
247	1.2195
347	1.2195
447	1.2205
547	1.2225
647	1.2225
747	1.2215

ORF	CP	ORF	CP	ORF	CP
1	0.2105	52	0.0015	102	-0.2005
2	-0.1575	53	-0.1415	103	-0.6235
3	-0.4025	54	-0.2485	104	0.0925
4	-0.2635	55	-0.1555	105	-0.5085
5	-0.2035	56	-0.1615	110	-0.2315
6	-0.1905	57	-0.1765	111	-0.2295
7	-0.1635	58	-0.1705	112	-0.2115
8	-0.1265	59	-0.1415	113	-0.2205
9	-0.1055	60	-0.0705	114	0.0055
10	-0.0615	61	-0.0205	115	0.0055
11	-0.0325	62	0.0075	116	0.0065
12	-0.0105	63	-0.0005	117	0.0085
13	-0.0035	64	-0.2415	118	0.0085
14	-0.0965	65	-0.2415	119	0.0075
15	-0.1725	66	-0.2265	120	-0.2555
16	-0.0665	67	-0.1515	121	0.0075
17	-0.2325	68	-0.1675	122	0.0075
18	-0.2745	69	-0.1585	123	0.0075
19	-0.2145	70	-0.0975	124	-0.1565
20	-0.1845	71	-0.0255	125	-0.1795
21	-0.1675	72	0.0015	126	-0.1305
22	-0.1315	73	-0.0165	127	-0.1605
23	-0.0915	74	-0.2425	128	-0.1305
24	-0.0515	75	-0.4505	129	-0.2665
25	-0.0245	76	-0.1355	135	-0.1345
26	-0.0085	77	-0.1535	136	-0.1375
27	-0.0095	78	-0.1355	137	-0.1315
28	-0.0965	79	-0.0515	138	-0.0495
29	-0.2025	80	-0.0035	139	-0.0475
30	-0.1285	81	-0.0225	140	-0.0535
32	-0.2325	82	-0.2005	141	0.1275
33	-0.1975	83	-0.5295	142	0.1215
34	-0.1725	84	-0.1725	143	0.1125
35	-0.1285	85	-0.1425	145	-0.1385
36	-0.0985	86	-0.1175	147	0.1165
37	-0.0555	87	0.0455	151	0.1085
38	-0.0185	88	0.0365	152	-0.0875
39	-0.0025	89	-0.2135	153	-0.2055
40	-0.0045	90	-0.6145	154	-0.3625
41	-0.0715	91	-0.1675	155	0.1445
42	-0.2275	92	-0.0515	156	0.1485
43	-0.1335	93	-0.0185	157	-0.0205
44	-0.1805	94	0.0185	158	0.2765
45	-0.2015	95	-0.2425	159	0.2505
46	-0.1825	96	-0.1615	160	0.2115
47	-0.1495	97	-0.2055	161	0.0885
48	-0.0935	98	0.2025	162	0.3595
49	-0.0545	99	0.2705	163	0.2905
50	-0.0185	100	-0.0645	164	-0.0795
51	0.0025	101	-0.2385	165	0.0695

ORF	CP	ORF	CP	ORF	CP
166	0.4765	217	0.0945	268	-0.1835
167	0.3225	218	0.0945	269	0.1395
168	0.3085	219	0.0975	270	0.1685
169	0.2145	220	0.0985	271	-0.2215
170	0.1835	221	-0.1065	272	-0.2065
171	0.2705	222	-0.1865	273	0.1555
172	0.0765	223	-0.3675	274	0.2005
173	0.0705	224	-0.3675	275	0.3755
174	-0.0335	225	0.4405	276	0.3865
175	-0.2205	226	0.2995	277	0.2765
176	-0.3705	227	-0.6655	278	-0.6605
177	-0.0745	228	-0.5785	279	-0.6145
178	-0.2005	229	-0.4055	280	-0.5145
179	-0.1355	230	-0.1565	281	-0.3385
180	-0.3565	231	-0.0925	282	-0.2075
181	0.3065	232	-0.0745	283	-0.1775
182	0.4245	233	-0.0405	284	-0.0705
183	0.3575	234	0.0345	285	0.0995
184	0.6255	235	-0.1135	286	-0.2225
185	0.6885	236	-0.1705	287	-0.2305
186	0.6995	237	-0.2675	288	0.1165
187	0.7285	238	-0.2395	289	0.2275
188	0.7745	239	0.3965	290	0.1745
189	0.8045	240	0.3405	291	-0.3955
190	-0.3425	241	-0.6965	292	0.0875
191	-0.3485	242	-0.6005	325	0.0925
192	-0.3435	244	-0.3705	326	0.0925
193	-0.3435	245	-0.1985	327	0.0925
194	-0.3495	246	-0.1035	328	0.0905
195	-0.3455	247	-0.0385	329	0.0915
196	-0.3525	248	0.0685	330	0.0925
197	-0.3525	249	-0.1465	331	0.0945
198	-0.3485	250	-0.1485	332	0.0945
199	-0.3495	251	-0.0855	333	0.0925
200	-0.3515	252	0.0105	334	0.0915
201	-0.3505	253	0.4315	335	0.0935
202	-0.3425	254	0.3285	336	0.0925
203	-0.3465	255	-0.7185	337	0.0935
204	-0.3495	256	-0.6475	338	0.0925
205	0.1765	257	-0.5865	339	0.0915
206	0.1745	258	-0.4675	340	0.0915
207	0.2365	259	-0.2525	341	0.0915
208	0.2185	260	-0.1445	350	0.0055
210	0.2035	261	-0.0535	351	0.0045
211	0.5015	262	0.0585	352	0.0065
212	0.6275	263	-0.1945	353	0.0075
213	0.0965	264	-0.1515	354	0.0055
214	0.0965	265	0.1345	355	0.0035
215	0.0975	266	0.1785		
216	0.0975	267	-0.1885		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1757

TUNNEL = 11

TEST NO. = 086

TEST PHASE = 2

RUN NUMBER = 301.

CONFIGURATION NO. = 12.

ANGLE OF MODEL ROLL(DEG) = 450.0

MACH NUMBER = 1.201

TUNNEL DYNAMIC PRESSURE(PSF) = 798.

TUNNEL STAGNATION PRESSURE(PSF) = 1919.

TUNNEL STATIC PRESSURE(PSF) = 790.

REYNOLDS NUMBER PER FOOT = 4.0010E 06

MODEL ANGLE OF ATTACK(DEG) = 7.96

FIN ANGLE(DEG) = -0.

FREE-STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 560.

SCANIVALUE	CP(REF)
147	1.2230
247	1.2210
347	1.2210
447	1.2220
547	1.2230
647	1.2230
747	-0.0120

ORF	CP	ORF	CP	ORF	CP
1	0.2140	52	-0.0930	102	-0.2380
2	-0.1370	53	-0.2060	103	-0.6770
3	-0.3440	54	-0.2710	104	0.0840
4	-0.3260	55	-0.5770	105	-0.6120
5	-0.3130	56	-0.3760	110	-0.4220
6	-0.2900	57	-0.3100	111	-0.4220
7	-0.2650	58	-0.3070	112	-0.4060
8	-0.2180	59	-0.3020	113	-0.4280
9	-0.2010	60	-0.2810	114	-0.1670
10	-0.1660	61	-0.2220	115	-0.1670
11	-0.1190	62	-0.1550	116	-0.1680
12	-0.0830	63	-0.1480	117	-0.1690
13	-0.0520	64	-0.3020	118	-0.1670
14	-0.1210	65	-0.2950	119	-0.1670
15	-0.2010	66	-0.7100	120	-0.4230
16	-0.0780	67	-0.5630	121	-0.1680
17	-0.2370	68	-0.3650	122	-0.1680
18	-0.3180	69	-0.2920	123	-0.1690
19	-0.3240	70	-0.2850	124	-0.3600
20	-0.3010	71	-0.2630	125	-0.3720
21	-0.2800	72	-0.2280	126	-0.3420
22	-0.2360	73	-0.1890	127	-0.3550
23	-0.1830	74	-0.3470	128	-0.3440
24	-0.1700	75	-0.7670	129	-0.4590
25	-0.1360	76	-0.6100	135	-0.3430
26	-0.1000	77	-0.5350	136	-0.3470
27	-0.0780	78	-0.4080	137	-0.3420
28	-0.1350	79	-0.3080	138	-0.2540
29	-0.2240	80	-0.2830	139	-0.2570
30	-0.1970	81	-0.2510	140	-0.2440
32	-0.2970	82	-0.3400	141	-0.0290
33	-0.3190	83	-0.7790	142	-0.0430
34	-0.2930	84	-0.6470	143	-0.0120
35	-0.2630	85	-0.5710	145	-0.3470
36	-0.2240	86	-0.5130	147	-0.0430
37	-0.1830	87	-0.3180	151	0.0920
38	-0.1480	88	-0.2370	152	-0.0730
39	-0.1020	89	-0.3750	153	-0.2070
40	-0.0730	90	-0.7630	154	-0.3940
41	-0.1090	91	-0.6670	155	0.2470
42	-0.2430	92	-0.5500	156	0.1460
43	-0.4160	93	-0.4900	157	-0.0220
44	-0.3200	94	-0.4880	158	0.2920
45	-0.3020	95	-0.6310	159	0.2670
46	-0.3090	96	0.0640	160	0.2200
47	-0.3010	97	-0.1690	161	0.1120
48	-0.2660	98	0.3190	162	0.4550
49	-0.2280	99	0.3580	163	0.2860
50	-0.1800	100	-0.0510	164	-0.2480
51	-0.1200	101	-0.2750	165	0.0920

ORF	CP	ORF	CP	ORF	CP
166	0.6260	217	0.0910	268	-0.2150
167	0.3460	218	0.0920	269	0.1410
168	0.3610	219	0.0900	270	0.1520
169	0.2780	220	0.0890	271	-0.2550
170	0.3260	221	-0.1640	272	-0.2320
171	0.2310	222	-0.2550	273	0.1410
172	0.0700	223	-0.4140	274	0.1970
173	0.0560	224	-0.4100	275	0.2550
174	-0.0460	225	0.4790	276	0.4150
175	-0.2550	226	0.3780	277	0.3170
176	-0.3440	227	-0.6520	278	-0.6130
177	-0.1100	228	-0.5390	279	-0.5290
178	-0.1840	229	-0.3600	280	-0.4170
179	-0.0680	230	-0.1600	281	-0.3180
180	-0.3460	231	-0.0990	282	-0.3040
181	0.3980	232	-0.0840	283	-0.2660
182	0.5300	233	-0.0820	284	-0.1650
183	0.4100	234	0.0380	285	0.0950
184	0.8040	235	-0.1400	286	-0.2610
185	0.8910	236	-0.1810	287	-0.2550
186	0.8860	237	-0.2900	288	0.1210
187	0.8780	238	-0.2620	289	0.3030
188	0.8710	239	0.4020	290	0.1700
189	0.8740	240	0.3430	291	-0.6110
190	-0.3400	241	-0.6810	292	0.0900
191	-0.3420	242	-0.5810	325	0.0910
192	-0.3410	244	-0.3440	326	0.0890
193	-0.3400	245	-0.2160	327	0.0870
194	-0.3440	246	-0.1390	328	0.0890
195	-0.3440	247	-0.1050	329	0.0880
196	-0.3580	248	0.0260	330	0.0870
197	-0.3470	249	-0.1630	331	0.0890
198	-0.3500	250	-0.1750	332	0.0900
199	-0.3530	251	-0.1070	333	0.0910
200	-0.3520	252	-0.0070	334	0.0890
201	-0.3480	253	0.4350	335	0.0870
202	-0.3430	254	0.3370	336	0.0890
203	-0.3450	255	-0.6860	337	0.0910
204	-0.3490	256	-0.6190	338	0.0900
205	0.0130	257	-0.5390	339	0.0880
206	0.0130	258	-0.4130	340	0.0900
207	0.0720	259	-0.2670	341	0.0870
208	0.0250	260	-0.2190	350	-0.1660
210	0.2210	261	-0.1470	351	-0.1670
211	0.4970	262	-0.0060	352	-0.1710
212	0.6320	263	-0.2450	353	-0.1700
213	0.0890	264	-0.1840	354	-0.1690
214	0.0860	265	0.1290	355	-0.1610
215	0.0890	266	0.1660		
216	0.0920	267	-0.2340		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1758
 TUNNEL = 11
 TEST NO. = 086
 TEST PHASE = 2
 RUN NUMBER = 301.
 CONFIGURATION NO. = 12.
 ANGLE OF MODEL ROLL(DEG) = 450.0
 MACH NUMBER = 1.200
 TUNNEL DYNAMIC PRESSURE(PSF) = 797.
 TUNNEL STAGNATION PRESSURE(PSF) = 1918.
 TUNNEL STATIC PRESSURE(PSF) = 791.
 REYNOLDS NUMBER PER FOOT = 3.9950E 06
 MODEL ANGLE OF ATTACK(DEG) = 11.95
 FIN ANGLE(DEG) = -0.
 FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 561.

SCANIVALUE	CP(REF)
147	1.2225
247	1.2205
347	1.2205
447	1.2215
547	1.2235
647	1.2225
747	1.2225

ORF	CP	ORF	CP	ORF	CP
1	-0.0325	52	-0.2375	102	-0.2645
2	-0.2215	53	-0.3235	103	-0.6645
3	-0.1955	54	-0.3135	104	0.0635
4	-0.1865	55	-0.5685	105	-0.5335
5	-0.1675	56	-0.5375	110	-0.4425
6	-0.1595	57	-0.5205	111	-0.4385
7	-0.1515	58	-0.4865	112	-0.4235
8	-0.1415	59	-0.4585	113	-0.4725
9	-0.1455	60	-0.4195	114	-0.2035
10	-0.1395	61	-0.3805	115	-0.2015
11	-0.1275	62	-0.3475	116	-0.2055
12	-0.1145	63	-0.3245	117	-0.2095
13	-0.1255	64	-0.4235	118	-0.2065
14	-0.2015	65	-0.4235	119	-0.2055
15	-0.2795	66	-0.5965	120	-0.4905
16	-0.2385	67	-0.5795	121	-0.2085
17	-0.2635	68	-0.5595	122	-0.2085
18	-0.2585	69	-0.5365	123	-0.2065
19	-0.2525	70	-0.5155	124	-0.4365
20	-0.2335	71	-0.4895	125	-0.4515
21	-0.2405	72	-0.4685	126	-0.4065
22	-0.2135	73	-0.4735	127	-0.4285
23	-0.1885	74	-0.5325	128	-0.4425
24	-0.1815	75	-0.6455	129	-0.5335
25	-0.1655	76	-0.6375	135	-0.4215
26	-0.1545	77	-0.6045	136	-0.4305
27	-0.1685	78	-0.5845	137	-0.4425
28	-0.2455	79	-0.5615	138	-0.2795
29	-0.3025	80	-0.5575	139	-0.2825
30	-0.4125	81	-0.5825	140	-0.2645
32	-0.2965	82	-0.5785	141	-0.0515
33	-0.2685	83	-0.6335	142	-0.0565
34	-0.2565	84	-0.6345	143	-0.0685
35	-0.2305	85	-0.6295	145	-0.4325
36	-0.2175	86	-0.6175	147	-0.0615
37	-0.2035	87	-0.5985	151	0.0385
38	-0.1865	88	-0.5735	152	-0.1155
39	-0.1795	89	-0.5335	153	-0.2295
40	-0.1985	90	-0.6455	154	-0.3425
41	-0.2645	91	-0.6365	155	0.1325
42	-0.3035	92	-0.6225	156	-0.0255
43	-0.5245	93	-0.6255	157	-0.1585
44	-0.4935	94	-0.6375	158	0.2365
45	-0.4655	95	-0.5535	159	0.0665
46	-0.3995	96	0.2085	160	-0.0005
47	-0.3435	97	-0.1905	161	-0.1005
48	-0.2915	98	0.3895	162	0.3075
49	-0.2585	99	0.4215	163	0.1665
50	-0.2365	100	-0.0075	164	-0.2895
51	-0.2205	101	-0.3035	165	-0.0175

ORF	CP	ORF	CP	ORF	CP
166	0.4335	217	0.0745	268	-0.1165
167	0.3225	218	0.0735	269	0.0565
168	0.3015	219	0.0745	270	0.1085
169	0.2125	220	0.0795	271	-0.2865
170	0.2715	221	-0.2305	272	-0.1685
171	0.2315	222	-0.3245	273	0.0835
172	0.0735	223	-0.4545	274	0.1715
173	0.1045	224	-0.4385	275	0.1675
174	0.0095	225	0.5745	276	0.1725
175	-0.1205	226	0.4415	277	0.0625
176	-0.2575	227	-0.6615	278	-0.4605
177	-0.1655	228	-0.5595	279	-0.4265
178	-0.1385	229	-0.4275	280	-0.3145
179	-0.0915	230	-0.2285	281	-0.1735
180	-0.3625	231	-0.1655	282	-0.1355
181	0.4755	232	-0.1265	283	-0.1485
182	0.6515	233	-0.0725	284	-0.1385
183	0.4905	234	0.0615	285	0.0805
184	0.9915	235	-0.1735	286	-0.2915
185	1.0965	236	-0.2085	287	-0.2145
186	1.0705	237	-0.3185	288	0.1275
187	1.0465	238	-0.2825	289	0.2725
188	1.0425	239	0.3885	290	0.0975
189	1.0375	240	0.3145	291	-0.6135
190	-0.3465	241	-0.6555	292	0.0695
191	-0.3585	242	-0.5825	325	0.0645
192	-0.3465	244	-0.3595	326	0.0665
193	-0.3465	245	-0.1875	327	0.0645
194	-0.3505	246	-0.1085	328	0.0665
195	-0.3505	247	-0.1085	329	0.0645
196	-0.3635	248	-0.0055	330	0.0675
197	-0.3535	249	-0.2315	331	0.0685
198	-0.3565	250	-0.2175	332	0.0645
199	-0.3615	251	-0.1225	333	0.0685
200	-0.3595	252	-0.0305	334	0.0685
201	-0.3525	253	0.2695	335	0.0685
202	-0.3435	254	0.1785	336	0.0635
203	-0.3505	255	-0.6495	337	0.0645
204	-0.3535	256	-0.5505	338	0.0665
205	-0.1055	257	-0.4465	339	0.0655
206	-0.1035	258	-0.2815	340	0.0655
207	-0.1075	259	-0.1805	341	0.0635
208	-0.3575	260	-0.1515	350	-0.2025
210	0.2015	261	-0.1495	351	-0.2065
211	0.5665	262	-0.0785	352	-0.2085
212	0.7605	263	-0.3355	353	-0.2065
213	0.0785	264	-0.1225	354	-0.2065
214	0.0765	265	0.0885	355	-0.2055
215	0.0785	266	0.0785		
216	0.0755	267	-0.2955		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1759

TUNNEL = 11

TEST NO. = 086

TEST PHASE = 2

RUN NUMBER = 301.

CONFIGURATION NO. = 12.

ANGLE OF MODEL ROLL(DEG) = 450.0

MACH NUMBER = 1.197

TUNNEL DYNAMIC PRESSURE(PSF) = 796.

TUNNEL STAGNATION PRESSURE(PSF) = 1918.

TUNNEL STATIC PRESSURE(PSF) = 794.

REYNOLDS NUMBER PER FOOT = 4.0070E 06

MODEL ANGLE OF ATTACK(DEG) = 0.13

FIN ANGLE(DEG) = -0.

FREE^oSTREAM TOTAL TEMPERATURE(DEG. RANKINE) = 559.

SCANVALUE	CP(REF)
147	1.2195
247	1.2195
347	1.2195
447	1.2195
547	1.2165
647	1.2175
747	1.2135

ORF	CP	ORF	CP	ORF	CP
1	0.2565	52	0.0885	102	-0.1775
2	-0.1205	53	-0.0755	103	-0.6055
3	-0.4365	54	-0.2295	104	0.0885
4	-0.3565	55	-0.0325	105	-0.4595
5	-0.2305	56	-0.0615	110	-0.3105
6	-0.0805	57	0.0555	111	-0.3145
7	-0.0115	58	0.1035	112	-0.2855
8	0.0285	59	0.1105	113	-0.3045
9	0.0415	60	0.1125	114	-0.0585
10	0.0465	61	0.1255	115	-0.0585
11	0.0635	62	0.1145	116	-0.0575
12	0.0725	63	0.0945	117	-0.0565
13	0.0695	64	-0.1995	118	-0.0565
14	-0.0305	65	-0.2135	119	-0.0565
15	-0.1115	66	0.0325	120	-0.3385
16	-0.0235	67	0.0685	121	-0.0595
17	-0.2135	68	0.1295	122	-0.0565
18	-0.3365	69	0.1245	123	-0.0585
19	-0.2505	70	0.1325	124	-0.2365
20	-0.0635	71	0.1525	125	-0.2545
21	0.0295	72	0.1315	126	-0.2155
22	0.0355	73	0.0765	127	-0.2375
23	0.0475	74	-0.2225	128	-0.1965
24	0.0625	75	0.1345	129	-0.3625
25	0.0755	76	0.1485	135	-0.1925
26	0.0805	77	0.1405	136	-0.2035
27	0.0725	78	0.1565	137	-0.1965
28	-0.0205	79	0.1525	138	-0.1235
29	-0.1645	80	0.1035	139	-0.1235
30	-0.0775	81	0.0125	140	-0.1165
32	-0.2425	82	-0.2415	141	0.0665
33	-0.0975	83	0.1535	142	0.0605
34	0.0175	84	0.1665	143	0.0715
35	0.0565	85	0.1585	145	-0.2005
36	0.0675	86	0.1205	147	0.0605
37	0.0785	87	0.0835	151	0.0325
38	0.0835	88	0.0255	152	-0.1425
39	0.0885	89	-0.2455	153	-0.2365
40	0.0805	90	0.1665	154	-0.4215
41	0.0125	91	0.1175	155	0.0675
42	-0.2165	92	0.0915	156	0.1895
43	-0.0655	93	0.0665	157	0.0125
44	-0.1285	94	0.0345	158	0.4625
45	-0.0715	95	-0.2465	159	0.3105
46	0.0265	96	-0.4145	160	0.2735
47	0.0825	97	-0.2255	161	0.1705
48	0.0915	98	0.1165	162	0.4275
49	0.0925	99	0.1365	163	0.3825
50	0.1055	100	0.0215	164	-0.1365
51	0.1055	101	-0.2055	165	0.1135

ORF	CP	ORF	CP	ORF	CP
166	0.4965	217	0.0925	268	-0.1565
167	0.3255	218	0.0915	269	0.1685
168	0.2985	219	0.0905	270	0.2185
169	0.1875	220	0.0915	271	-0.1945
170	0.0895	221	-0.0625	272	-0.2195
171	0.2345	222	-0.1345	273	0.1105
172	0.0355	223	-0.3325	274	0.2045
173	0.0485	224	-0.3395	275	0.3225
174	-0.0495	225	0.3015	276	0.4165
175	-0.2255	226	0.2345	277	0.3235
176	-0.4115	227	-0.6465	278	-0.6415
177	-0.1315	228	-0.5625	279	-0.6025
178	-0.2525	229	-0.4205	280	-0.5155
179	-0.2675	230	-0.2235	281	-0.4175
180	-0.3545	231	-0.0665	282	-0.2635
181	0.4155	232	-0.0255	283	-0.0665
182	0.5745	233	0.0145	284	0.0405
183	0.5225	234	0.0495	285	0.0905
184	0.8145	235	-0.0975	286	-0.1975
185	0.8705	236	-0.1375	287	-0.2345
186	0.8975	237	-0.2365	288	0.0695
187	0.9525	238	-0.2215	289	0.1995
188	1.0185	239	0.2975	290	0.1795
189	1.0845	240	0.2175	291	-0.3705
190	-0.3455	241	-0.6765	292	0.0895
191	-0.3505	242	-0.6165	325	0.0895
192	-0.3485	244	-0.2465	326	0.0885
193	-0.3505	245	-0.1265	327	0.0905
194	-0.3505	246	-0.0625	328	0.0895
195	-0.3555	247	0.0145	329	0.0895
196	-0.3595	248	0.0605	330	0.0905
197	-0.3505	249	-0.0785	331	0.0905
198	-0.3515	250	-0.1165	332	0.0905
199	-0.3515	251	-0.0875	333	0.0905
200	-0.3535	252	-0.0255	334	0.0905
201	-0.3525	253	0.3365	335	0.0915
202	-0.3495	254	0.2395	336	0.0905
203	-0.3515	255	-0.7475	337	0.0895
204	-0.3515	256	-0.6865	338	0.0885
205	0.0965	257	-0.6405	339	0.0905
206	0.1075	258	-0.4875	340	0.0895
207	0.1545	259	-0.1125	341	0.0895
208	0.1165	260	-0.0425	350	-0.0565
210	0.1795	261	0.0295	351	-0.0575
211	0.2945	262	0.0935	352	-0.0585
212	0.3315	263	-0.1345	353	-0.0585
213	0.0885	264	-0.1225	354	-0.0565
214	0.0895	265	0.1185	355	-0.0575
215	0.0905	266	0.2005		
216	0.0905	267	-0.1535		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1760
 TUNNEL = 11
 TEST NO. = 086
 TEST PHASE = 2
 RUN NUMBER = 302.
 CONFIGURATION NO. = 12.
 ANGLE OF MODEL ROLL(DEG) = 450.0
 MACH NUMBER = 1.049
 TUNNEL DYNAMIC PRESSURE(PSF) = 749.
 TUNNEL STAGNATION PRESSURE(PSF) = 1951.
 TUNNEL STATIC PRESSURE(PSF) = 972.
 REYNOLDS NUMBER PER FOOT = 3.9990E 06
 MODEL ANGLE OF ATTACK(DEG) = -12.11
 FIN ANGLE(DEG) = -0.
 FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 561.

SCANIVALUE	CP(REF)
147	1.0583
247	1.0583
347	1.0583
447	1.0583
547	1.0513
647	1.0513
747	0.8613

ORF	CP	ORF	CP	ORF	CP
1	0.2423	52	0.0613	102	-0.3877
2	0.1513	53	-0.1597	103	-0.8397
3	0.1343	54	-0.3517	104	0.0323
4	0.1353	55	0.4443	105	-0.6667
5	0.1373	56	0.3733	110	-2.4797
6	0.1343	57	0.3373	111	-2.4967
7	0.1263	58	0.2943	112	-2.2917
8	0.1183	59	0.2523	113	-2.2627
9	0.1133	60	0.2133	114	-1.8207
10	0.0993	61	0.1713	115	-1.8167
11	0.0843	62	0.1243	116	-1.8187
12	0.0663	63	0.0563	117	-1.8147
13	0.0343	64	-0.3447	118	-1.8187
14	-0.1097	65	-0.3347	119	-1.8177
15	-0.1917	66	0.4493	120	-2.4637
16	0.2543	67	0.3733	121	-1.8277
17	0.2163	68	0.3193	122	-1.8217
18	0.2013	69	0.2793	123	-1.8167
19	0.1793	70	0.2363	124	-2.1927
20	0.1713	71	0.1883	125	-2.2757
21	0.1573	72	0.1273	126	-2.1437
22	0.1423	73	0.0283	127	-2.2167
23	0.1283	74	-0.3377	128	-2.0747
24	0.1113	75	0.4463	129	-2.5697
25	0.0923	76	0.3613	135	-2.0827
26	0.0683	77	0.2953	136	-2.1067
27	0.0263	78	0.2343	137	-2.0757
28	-0.0907	79	0.1783	138	-1.6447
29	-0.2687	80	0.0923	139	-1.6537
30	0.3413	81	-0.0637	140	-1.5967
32	0.2633	82	-0.3607	141	-1.2997
33	0.2353	83	0.4213	142	-1.3217
34	0.2103	84	0.3263	143	-1.3047
35	0.1923	85	0.2333	145	-2.1197
36	0.1713	86	0.1343	147	-1.3297
37	0.1483	87	0.0383	151	0.0173
38	0.1253	88	-0.0797	152	-0.1187
39	0.0983	89	-0.3997	153	-0.2027
40	0.0543	90	0.3293	154	-0.3117
41	-0.0377	91	0.1253	155	0.0753
42	-0.3437	92	0.0083	156	0.2043
43	0.4143	93	-0.0727	157	0.0453
44	0.3533	94	-0.1517	158	0.4043
45	0.3123	95	-0.4587	159	0.2853
46	0.2813	96	-0.4447	160	0.2573
47	0.2473	97	-0.5567	161	0.1563
48	0.2153	98	-0.7987	162	0.2763
49	0.1843	99	-0.8827	163	0.1373
50	0.1543	100	-0.6997	164	-1.6647
51	0.1123	101	-0.4327	165	-0.0757

ORF	CP	ORF	CP	ORF	CP
166	0.1123	217	0.0323	268	-0.2797
167	0.0403	218	0.0313	269	0.1133
168	-0.0227	219	0.0323	270	0.2063
169	-0.1477	220	0.0313	271	-0.3777
170	0.0823	221	-0.1177	272	-0.3667
171	-0.0737	222	-0.2017	273	0.0973
172	-0.2257	223	-0.3997	274	0.1443
173	0.0433	224	-0.3857	275	0.2123
174	-0.1197	225	-0.5717	276	0.2893
175	-0.2537	226	-0.8187	277	0.2563
176	-0.3637	227	-0.8737	278	-0.0497
177	-0.1407	228	-0.8637	279	0.0293
178	-0.2307	229	-0.8487	280	0.0883
179	-0.2007	230	-0.7807	281	0.1323
180	-0.3367	231	-0.5887	282	0.1443
181	0.6173	232	-0.5067	283	0.1413
182	0.7783	233	-0.3387	284	0.1173
183	0.6503	234	-0.2607	285	0.0333
184	1.0413	235	-0.2977	286	-0.4187
185	1.1063	236	-0.2787	287	-0.4127
186	1.1023	237	-0.3017	288	-0.0147
187	1.1923	238	-0.2737	289	0.0023
188	1.2453	239	0.2883	290	0.1603
189	1.2643	240	0.1723	291	-0.7347
190	-0.3117	241	-0.8237	292	-0.2477
191	-0.2727	242	-0.7427	325	0.0353
192	-0.2697	244	-0.4657	326	0.0343
193	-0.2697	245	-0.2437	327	0.0353
194	-0.2327	246	-0.1827	328	0.0373
195	-0.2857	247	-0.1267	329	0.0353
196	-0.2667	248	-0.0867	330	0.0323
197	-0.2687	249	-0.1837	331	0.0363
198	-0.2717	250	-0.1807	332	0.0363
199	-0.2717	251	-0.1457	333	0.0383
200	-0.2697	252	-0.0687	334	0.0363
201	-0.2577	253	0.2983	335	0.0353
202	-0.2637	254	0.2043	336	0.0343
203	-0.2577	255	-0.5327	337	0.0353
204	-0.2347	256	-0.4047	338	0.0343
205	-1.3877	257	-0.3017	339	0.0343
206	-1.3697	258	-0.1107	340	0.0363
207	-1.0787	259	0.0293	341	0.0333
208	-0.9017	260	0.0603	350	-1.8207
210	0.6703	261	0.0413	351	-1.8167
211	0.7133	262	0.0243	352	-1.8227
212	0.7843	263	-0.2657	353	-1.8237
213	0.0363	264	-0.2207	354	-1.8227
214	0.0343	265	0.1013	355	-1.8247
215	0.0313	266	0.1713		
216	0.0313	267	-0.2907		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1761

TUNNEL = 11

TEST NO. = 086

TEST PHASE = 2

RUN NUMBER = 302.

CONFIGURATION NO. = 12.

ANGLE OF MODEL ROLL(DEG) = 450.0

MACH NUMBER = 1.049

TUNNEL DYNAMIC PRESSURE(PSF) = 749.

TUNNEL STAGNATION PRESSURE(PSF) = 1951.

TUNNEL STATIC PRESSURE(PSF) = 972.

REYNOLDS NUMBER PER FOOT = 4.0050E 06

MODEL ANGLE OF ATTACK(DEG) = -8.10

FIN ANGLE(DEG) = -0.

FREE-STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 560.

SCANVALUE	CP(REF)
147	1.0573
247	1.0563
347	1.0563
447	1.0573
547	1.0553
647	1.0553
747	1.0553

ORF	CP	ORF	CP	ORF	CP
1	0.02023	52	0.0283	102	-0.3677
2	-0.0557	53	-0.1867	103	-0.8357
3	-0.0597	54	-0.3797	104	0.0333
4	0.0083	55	0.3323	105	-0.7457
5	0.0393	56	0.2783	110	-0.2467
6	0.0493	57	0.2533	111	-0.2687
7	0.0563	58	0.2183	112	-0.1797
8	0.0573	59	0.1833	113	-0.1697
9	0.0593	60	0.1523	114	-0.0207
10	0.0573	61	0.1173	115	-0.0197
11	0.0483	62	0.0753	116	-0.0197
12	0.0393	63	0.0143	117	-0.0227
13	0.0173	64	-0.3727	118	-0.0237
14	-0.1237	65	-0.3737	119	-0.0237
15	-0.2067	66	0.3503	120	-0.2517
16	0.1083	67	0.2843	121	-0.0227
17	0.0823	68	0.2383	122	-0.0207
18	0.0913	69	0.1993	123	-0.0217
19	0.0933	70	0.1673	124	-0.1367
20	0.0893	71	0.1273	125	-0.1647
21	0.0873	72	0.0703	126	-0.1117
22	0.0853	73	-0.0207	127	-0.1437
23	0.0773	74	-0.3927	128	-0.0867
24	0.0673	75	0.3553	129	-0.2957
25	0.0563	76	0.2793	135	-0.0907
26	0.0423	77	0.2203	136	-0.1027
27	0.0153	78	0.1693	137	-0.0887
28	-0.0917	79	0.1093	138	0.0523
29	-0.2967	80	0.0263	139	0.0453
30	0.2143	81	-0.1177	140	0.0623
32	0.1663	82	-0.4307	141	0.1873
33	0.1493	83	0.3393	142	0.1823
34	0.1353	84	0.2453	143	0.1923
35	0.1243	85	0.1563	145	-0.1047
36	0.1153	86	0.0553	147	0.1823
37	0.0993	87	-0.0417	151	-0.0607
38	0.0823	88	-0.1457	152	-0.1827
39	0.0623	89	-0.4727	153	-0.2547
40	0.0293	90	0.2503	154	-0.3407
41	-0.0567	91	0.0363	155	0.0333
42	-0.3767	92	-0.0767	156	0.1733
43	0.2903	93	-0.1517	157	0.0123
44	0.2443	94	-0.2277	158	0.4703
45	0.2183	95	-0.5357	159	0.2653
46	0.1963	96	-0.5477	160	0.2393
47	0.1773	97	-0.4657	161	0.1473
48	0.1543	98	-0.4977	162	0.3243
49	0.1273	99	-0.7597	163	0.1973
50	0.1063	100	-0.6617	164	0.0213
51	0.0723	101	-0.4107	165	-0.0377

ORF	CP	ORF	CP	ORF	CP
166	0.1683	217	0.0343	268	-0.2967
167	0.1593	218	0.0333	269	0.1163
168	0.1183	219	0.0363	270	0.2143
169	-0.0307	220	0.0373	271	-0.3727
170	0.1273	221	-0.1187	272	-0.3857
171	0.0593	222	-0.2157	273	0.0893
172	-0.1497	223	-0.3867	274	0.1353
173	-0.0257	224	-0.3787	275	0.2433
174	-0.1227	225	-0.3577	276	0.3533
175	-0.2647	226	-0.4497	277	0.2553
176	-0.3947	227	-0.9537	278	-0.4467
177	-0.2287	228	-0.9127	279	-0.3467
178	-0.3357	229	-0.8607	280	-0.2187
179	-0.3187	230	-0.8117	281	-0.0537
180	-0.3207	231	-0.5947	282	0.0333
181	0.5833	232	-0.5067	283	0.0583
182	0.7533	233	-0.3167	284	0.0643
183	0.5973	234	-0.2027	285	0.0353
184	1.0113	235	-0.2607	286	-0.3917
185	1.1153	236	-0.2567	287	-0.4067
186	1.1443	237	-0.3157	288	-0.0107
187	1.1713	238	-0.2837	289	0.0603
188	1.2013	239	0.2973	290	0.1513
189	1.2143	240	0.1773	291	-0.7937
190	-0.3127	241	-0.7747	292	-0.1547
191	-0.2687	242	-0.6977	325	0.0323
192	-0.2757	244	-0.4587	326	0.0333
193	-0.2677	245	-0.2237	327	0.0303
194	-0.2557	246	-0.1497	328	0.0313
195	-0.2867	247	-0.1107	329	0.0313
196	-0.2657	248	-0.0827	330	0.0343
197	-0.2747	249	-0.1807	331	0.0343
198	-0.2737	250	-0.1887	332	0.0323
199	-0.2717	251	-0.1587	333	0.0333
200	-0.2757	252	-0.0977	334	0.0323
201	-0.2747	253	0.2973	335	0.0343
202	-0.2757	254	0.1793	336	0.0313
203	-0.2647	255	-0.5547	337	0.0333
204	-0.2687	256	-0.4787	338	0.0333
205	0.1603	257	-0.3837	339	0.0303
206	0.1623	258	-0.1937	340	0.0313
207	0.2373	259	-0.0617	341	0.0313
208	0.2673	260	-0.0227	350	-0.0207
210	0.5123	261	-0.0067	351	-0.0207
211	0.6413	262	0.0013	352	-0.0227
212	0.7463	263	-0.2697	353	-0.0207
213	0.0353	264	-0.2437	354	-0.0207
214	0.0343	265	0.0753	355	-0.0217
215	0.0353	266	0.1733		
216	0.0343	267	-0.2937		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1762
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 302.
CONFIGURATION NO. = 12.
ANGLE OF MODEL ROLL(DEG) = 450.0
MACH NUMBER = 1.051
TUNNEL DYNAMIC PRESSURE(PSF) = 749.
TUNNEL STAGNATION PRESSURE(PSF) = 1949.
TUNNEL STATIC PRESSURE(PSF) = 969.
REYNOLDS NUMBER PER FOOT = 3.9990E 06
MODEL ANGLE OF ATTACK(DEG) = -4.01
FIN ANGLE(DEG) = -0.
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 560.

SCANIVALUE	CP(REF)
147	1.0623
247	1.0603
347	1.0613
447	1.0613
547	1.0653
647	1.0653
747	0.2423

ORF	CP	ORF	CP	ORF	CP
1	0.1343	52	-0.0337	102	-0.3437
2	-0.2367	53	-0.2327	103	-0.8297
3	-0.3087	54	-0.4167	104	0.0333
4	-0.1627	55	0.1693	105	-0.6687
5	-0.0907	56	0.1373	110	-0.2817
6	-0.0517	57	0.1353	111	-0.3147
7	-0.0317	58	0.1233	112	-0.2237
8	-0.0167	59	0.1033	113	-0.2187
9	-0.0137	60	0.0823	114	-0.0587
10	-0.0097	61	0.0543	115	-0.0597
11	-0.0087	62	0.0193	116	-0.0577
12	-0.0167	63	-0.0317	117	-0.0577
13	-0.0447	64	-0.3977	118	-0.0577
14	-0.1747	65	-0.4077	119	-0.0577
15	-0.2547	66	0.2223	120	-0.2747
16	-0.0807	67	0.1763	121	-0.0577
17	-0.1267	68	0.1433	122	-0.0577
18	-0.0687	69	0.1183	123	-0.0557
19	-0.0377	70	0.0943	124	-0.1497
20	-0.0217	71	0.0673	125	-0.1787
21	-0.0097	72	0.0213	126	-0.1247
22	-0.0007	73	-0.0527	127	-0.1587
23	0.0003	74	-0.4257	128	-0.1017
24	0.0023	75	0.2433	129	-0.3157
25	0.0013	76	0.1953	135	-0.1077
26	-0.0127	77	0.1493	136	-0.1187
27	-0.0447	78	0.1063	137	-0.1027
28	-0.1647	79	0.0503	138	0.0283
29	-0.3107	80	-0.0247	139	0.0233
30	-0.0107	81	-0.1467	140	0.0373
32	0.0133	82	-0.4637	141	0.1733
33	0.0203	83	0.2373	142	0.1663
34	0.0233	84	0.1623	143	0.1743
35	0.0223	85	0.0833	145	-0.1197
36	0.0253	86	-0.0127	147	0.1653
37	0.0263	87	-0.0957	151	-0.0857
38	0.0173	88	-0.1797	152	-0.2097
39	0.0013	89	-0.4937	153	-0.2517
40	-0.0317	90	0.1583	154	-0.3367
41	-0.1287	91	-0.0457	155	-0.0497
42	-0.3777	92	-0.1277	156	0.0963
43	0.1073	93	-0.1657	157	-0.0637
44	0.0843	94	-0.2037	158	0.3483
45	0.0763	95	-0.5037	159	0.1773
46	0.0783	96	-0.5917	160	0.1393
47	0.0743	97	-0.4267	161	0.0443
48	0.0733	98	-0.3217	162	0.2593
49	0.0573	99	-0.1707	163	0.1733
50	0.0403	100	-0.1247	164	-0.0057
51	0.0093	101	-0.3767	165	-0.0597

ORF	CP	ORF	CP	ORF	CP
166	0.2233	217	0.0373	268	-0.2977
167	0.1663	218	0.0393	269	0.0613
168	0.1123	219	0.0353	270	0.1423
169	-0.0087	220	0.0363	271	-0.3517
170	-0.0437	221	-0.1367	272	-0.3767
171	0.0973	222	-0.2197	273	0.0393
172	-0.1067	223	-0.3707	274	0.1063
173	-0.0247	224	-0.3657	275	0.3143
174	-0.1267	225	0.0863	276	0.3433
175	-0.2457	226	-0.0487	277	0.2073
176	-0.3557	227	-0.9697	278	-0.6847
177	-0.2307	228	-0.8887	279	-0.6267
178	-0.3557	229	-0.7487	280	-0.5347
179	-0.3617	230	-0.6287	281	-0.3107
180	-0.2947	231	-0.4537	282	-0.0987
181	0.5013	232	-0.4107	283	-0.0367
182	0.6623	233	-0.2367	284	-0.0067
183	0.5303	234	-0.1427	285	0.0383
184	0.9253	235	-0.2427	286	-0.3617
185	1.0243	236	-0.2567	287	-0.3967
186	1.0593	237	-0.3087	288	-0.0017
187	1.1223	238	-0.2847	289	0.1033
188	1.1853	239	0.3373	290	0.0793
189	1.2063	240	0.2283	291	-0.8037
190	-0.3157	241	-0.9297	292	-0.0717
191	-0.2837	242	-0.8287	325	0.0343
192	-0.2897	244	-0.4437	326	0.0363
193	-0.2867	245	-0.1947	327	0.0343
194	-0.2767	246	-0.1327	328	0.0333
195	-0.2797	247	-0.0937	329	0.0323
196	-0.2817	248	-0.0767	330	0.0313
197	-0.2767	249	-0.2127	331	0.0363
198	-0.2827	250	-0.2377	332	0.0353
199	-0.2827	251	-0.1857	333	0.0343
200	-0.2827	252	-0.1257	334	0.0333
201	-0.2767	253	0.3163	335	0.0313
202	-0.2757	254	0.1873	336	0.0323
203	-0.2777	255	-0.8017	337	0.0343
204	-0.2747	256	-0.7107	338	0.0363
205	0.1663	257	-0.6127	339	0.0343
206	0.1633	258	-0.3847	340	0.0333
207	0.2273	259	-0.1567	341	0.0323
208	0.2403	260	-0.0797	350	-0.0597
210	0.3113	261	-0.0387	351	-0.0577
211	0.4913	262	-0.0157	352	-0.0587
212	0.5803	263	-0.2767	353	-0.0567
213	0.0383	264	-0.2517	354	-0.0577
214	0.0403	265	0.0163	355	-0.0587
215	0.0383	266	0.1033		
216	0.0373	267	-0.2887		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1763
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 302.
CONFIGURATION NO. = 12.
ANGLE OF MODEL ROLL(DEG) = 450.0
MACH NUMBER = 1.049
TUNNEL DYNAMIC PRESSURE(PSF) = 748.
TUNNEL STAGNATION PRESSURE(PSF) = 1949.
TUNNEL STATIC PRESSURE(PSF) = 972.
REYNOLDS NUMBER PER FOOT = 3.9970E 06
MODEL ANGLE OF ATTACK(DEG) = 0.11
FIN ANGLE(DEG) = -0.
FREE^oSTREAM TOTAL TEMPERATURE(DEG. RANKINE) = 560.

SCANIVALUE	CP(REF)
147	1.0595
247	1.0585
347	1.0595
447	1.0595
547	1.0575
647	1.0575
747	1.0565

ORF	CP	ORF	CP	ORF	CP
1	0.1545	52	-0.0485	102	-0.3275
2	-0.2835	53	-0.2545	103	-0.8215
3	-0.6445	54	-0.4265	104	0.0205
4	-0.5015	55	-0.1355	105	-0.6405
5	-0.3275	56	0.0105	110	-0.4785
6	-0.1645	57	0.0385	111	-0.5075
7	-0.1095	58	0.0335	112	-0.4125
8	-0.0755	59	0.0415	113	-0.4205
9	-0.0585	60	0.0375	114	-0.2365
10	-0.0475	61	0.0195	115	-0.2375
11	-0.0375	62	-0.0095	116	-0.2365
12	-0.0295	63	-0.0595	117	-0.2375
13	-0.0485	64	-0.4055	118	-0.2365
14	-0.1745	65	-0.4185	119	-0.2365
15	-0.2655	66	0.0625	120	-0.4545
16	-0.1695	67	0.0665	121	-0.2375
17	-0.3865	68	0.0675	122	-0.2365
18	-0.5075	69	0.0615	123	-0.2345
19	-0.3585	70	0.0445	124	-0.3175
20	-0.1335	71	0.0235	125	-0.3395
21	-0.0695	72	-0.0165	126	-0.2905
22	-0.0535	73	-0.0875	127	-0.3225
23	-0.0415	74	-0.4365	128	-0.2645
24	-0.0305	75	0.1155	129	-0.4945
25	-0.0235	76	0.0955	135	-0.2715
26	-0.0235	77	0.0715	136	-0.2815
27	-0.0475	78	0.0425	137	-0.2655
28	-0.1695	79	-0.0045	138	-0.1075
29	-0.3255	80	-0.0555	139	-0.1105
30	-0.2365	81	-0.1585	140	-0.1135
32	-0.3725	82	-0.4455	141	0.0415
33	-0.1315	83	0.1175	142	0.0365
34	-0.0505	84	0.0805	143	0.0465
35	-0.0345	85	0.0235	145	-0.2845
36	-0.0235	86	-0.0225	147	0.0315
37	-0.0175	87	-0.0645	151	-0.0815
38	-0.0115	88	-0.1335	152	-0.2585
39	-0.0175	89	-0.4565	153	-0.2805
40	-0.0405	90	0.0405	154	-0.3635
41	-0.1415	91	-0.0045	155	-0.0715
42	-0.3915	92	-0.0415	156	0.0725
43	-0.2215	93	-0.0745	157	-0.0975
44	-0.2525	94	-0.1265	158	0.3665
45	-0.0805	95	-0.4575	159	0.2025
46	-0.0095	96	-0.6355	160	0.1485
47	0.0005	97	-0.4165	161	0.0425
48	0.0085	98	0.0275	162	0.3355
49	0.0135	99	0.0765	163	0.2735
50	0.0125	100	-0.1475	164	-0.1425
51	-0.0075	101	-0.3585	165	-0.0285

ORF	CP	ORF	CP	ORF	CP
166	0.4095	217	0.0195	268	-0.3065
167	0.2045	218	0.0235	269	0.0575
168	0.1795	219	0.0215	270	0.1245
169	0.0555	220	0.0195	271	-0.3415
170	-0.0665	221	-0.1935	272	-0.3715
171	0.1225	222	-0.2685	273	0.0245
172	-0.0905	223	-0.3795	274	0.1165
173	-0.0625	224	-0.3745	275	0.3285
174	-0.1615	225	0.3005	276	0.3715
175	-0.2785	226	0.1845	277	0.2335
176	-0.3855	227	-0.9545	278	-0.8965
177	-0.2675	228	-0.8695	279	-0.8445
178	-0.4145	229	-0.7525	280	-0.7455
179	-0.4445	230	-0.5215	281	-0.6045
180	-0.2995	231	-0.2655	282	-0.3935
181	0.3695	232	-0.1625	283	-0.1505
182	0.5195	233	-0.0965	284	-0.0575
183	0.4375	234	-0.0565	285	0.0205
184	0.7625	235	-0.2345	286	-0.3475
185	0.8385	236	-0.2805	287	-0.3935
186	0.8585	237	-0.3255	288	-0.0275
187	0.9055	238	-0.2805	289	0.1095
188	0.9625	239	0.2955	290	0.0815
189	1.0035	240	0.1895	291	-0.7475
190	-0.3225	241	-1.0065	292	-0.0175
191	-0.3025	242	-0.9125	325	0.0185
192	-0.3025	244	-0.5535	326	0.0195
193	-0.2955	245	-0.2915	327	0.0195
194	-0.2975	246	-0.1765	328	0.0195
195	-0.3015	247	-0.0855	329	0.0185
196	-0.3095	248	-0.0375	330	0.0185
197	-0.3015	249	-0.2245	331	0.0205
198	-0.3015	250	-0.2685	332	0.0205
199	-0.3025	251	-0.2005	333	0.0195
200	-0.3035	252	-0.1265	334	0.0195
201	-0.3015	253	0.3025	335	0.0205
202	-0.3005	254	0.1805	336	0.0185
203	-0.2925	255	-1.0075	337	0.0185
204	-0.2895	256	-0.9395	338	0.0195
205	0.0485	257	-0.8825	339	0.0185
206	0.0505	258	-0.7175	340	0.0185
207	0.0875	259	-0.2655	341	0.0175
208	0.0695	260	-0.1435	350	-0.2355
210	0.2285	261	-0.0695	351	-0.2375
211	0.3275	262	-0.0065	352	-0.2355
212	0.3465	263	-0.2845	353	-0.2355
213	0.0185	264	-0.2665	354	-0.2365
214	0.0195	265	0.0165	355	-0.2345
215	0.0195	266	0.1045		
216	0.0185	267	-0.2955		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1764
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 302.
CONFIGURATION NO. = 12.
ANGLE OF MODEL ROLL(DEG) = 450.0
MACH NUMBER = 1.047
TUNNEL DYNAMIC PRESSURE(PSF) = 747.
TUNNEL STAGNATION PRESSURE(PSF) = 1949.
TUNNEL STATIC PRESSURE(PSF) = 973.
REYNOLDS NUMBER PER FOOT = 3.9940E 06
MODEL ANGLE OF ATTACK(DEG) = 3.98
FIN ANGLE(DEG) = -0.
FREE-STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 561.

SCANIVALUE	CP(REF)
147	1.0595
247	1.0575
347	1.0585
447	1.0585
547	1.0595
647	1.0605
747	1.0595

ORF	CP	ORF	CP	ORF	CP
1	0.1165	52	-0.1095	102	-0.3435
2	-0.3245	53	-0.3035	103	-0.8295
3	-0.6075	54	-0.4175	104	0.0325
4	-0.4945	55	-0.3805	105	-0.6815
5	-0.4175	56	-0.3435	110	-0.1995
6	-0.3825	57	-0.3495	111	-0.2195
7	-0.3325	58	-0.2965	112	-0.1615
8	-0.2715	59	-0.1985	113	-0.1705
9	-0.2275	60	-0.1175	114	0.0065
10	-0.1815	61	-0.0815	115	0.0075
11	-0.1445	62	-0.0805	116	0.0065
12	-0.1135	63	-0.1115	117	0.0075
13	-0.1175	64	-0.4235	118	0.0065
14	-0.2255	65	-0.4225	119	0.0055
15	-0.3155	66	-0.4585	120	-0.1655
16	-0.2245	67	-0.3225	121	0.0065
17	-0.4195	68	-0.3085	122	0.0055
18	-0.4935	69	-0.2125	123	0.0045
19	-0.4235	70	-0.1075	124	-0.0645
20	-0.3805	71	-0.0815	125	-0.0895
21	-0.3335	72	-0.0825	126	-0.0455
22	-0.2755	73	-0.1435	127	-0.0715
23	-0.2175	74	-0.4265	128	-0.0265
24	-0.1715	75	-0.7085	129	-0.1965
25	-0.1335	76	-0.3045	135	-0.0385
26	-0.1125	77	-0.2365	136	-0.0385
27	-0.1235	78	-0.1155	137	-0.0255
28	-0.2335	79	-0.0795	138	0.0975
29	-0.3465	80	-0.0685	139	0.0795
30	-0.3025	81	-0.1775	140	0.1015
32	-0.4375	82	-0.4165	141	0.2255
33	-0.3945	83	-0.8355	142	0.2135
34	-0.3465	84	-0.3055	143	0.2295
35	-0.2885	85	-0.1475	145	-0.0405
36	-0.2155	86	-0.0265	147	0.2095
37	-0.1585	87	-0.0445	151	-0.0175
38	-0.1205	88	-0.1295	152	-0.2305
39	-0.1035	89	-0.4335	153	-0.2975
40	-0.1165	90	-0.8755	154	-0.3225
41	-0.2055	91	-0.2785	155	-0.0825
42	-0.3735	92	-0.0765	156	0.0555
43	-0.3255	93	-0.0575	157	-0.1155
44	-0.3715	94	-0.1085	158	0.2185
45	-0.3935	95	-0.4395	159	0.1655
46	-0.3635	96	-0.3455	160	0.1035
47	-0.2755	97	-0.4085	161	-0.0155
48	-0.2045	98	0.1095	162	0.2515
49	-0.1305	99	0.1285	163	0.1825
50	-0.0955	100	-0.2355	164	0.0785
51	-0.0855	101	-0.3765	165	-0.0555

ORF	CP	ORF	CP	ORF	CP
166	0.3815	217	0.0335	268	-0.3275
167	0.2025	218	0.0355	269	0.0255
168	0.1825	219	0.0365	270	0.0805
169	0.0725	220	0.0385	271	-0.3615
170	-0.0195	221	-0.2115	272	-0.3675
171	0.1575	222	-0.2845	273	0.0235
172	-0.0435	223	-0.4215	274	0.1015
173	-0.0365	224	-0.4195	275	0.3225
174	-0.1245	225	0.4095	276	0.3365
175	-0.2565	226	0.2275	277	0.1975
176	-0.3505	227	-0.9915	278	-0.9105
177	-0.2115	228	-0.9055	279	-0.8435
178	-0.3515	229	-0.8045	280	-0.7285
179	-0.3515	230	-0.4845	281	-0.5615
180	-0.2935	231	-0.2935	282	-0.4245
181	0.2675	232	-0.2515	283	-0.3575
182	0.3745	233	-0.1755	284	-0.2045
183	0.2665	234	-0.0745	285	0.0385
184	0.5515	235	-0.2635	286	-0.3635
185	0.6285	236	-0.3205	287	-0.3945
186	0.6675	237	-0.3715	288	-0.0165
187	0.7075	238	-0.3045	289	0.1075
188	0.7385	239	0.3675	290	0.0705
189	0.7725	240	0.2695	291	-0.8085
190	-0.3165	241	-0.9785	292	-0.0205
191	-0.2875	242	-0.8775	325	0.0325
192	-0.2865	244	-0.6205	326	0.0325
193	-0.2935	245	-0.4225	327	0.0315
194	-0.2875	246	-0.2825	328	0.0305
195	-0.2835	247	-0.1675	329	0.0315
196	-0.3045	248	-0.0415	330	0.0315
197	-0.2845	249	-0.2755	331	0.0335
198	-0.2925	250	-0.2995	332	0.0325
199	-0.2945	251	-0.2155	333	0.0315
200	-0.2925	252	-0.1085	334	0.0325
201	-0.2845	253	0.3815	335	0.0335
202	-0.2835	254	0.2495	336	0.0315
203	-0.2895	255	-0.9895	337	0.0335
204	-0.2875	256	-0.9135	338	0.0335
205	0.2535	257	-0.8405	339	0.0315
206	0.2505	258	-0.7005	340	0.0315
207	0.2885	259	-0.4505	341	0.0315
208	0.2695	260	-0.3265	350	0.0045
210	0.2375	261	-0.1785	351	0.0015
211	0.5285	262	-0.0495	352	0.0035
212	0.6505	263	-0.3435	353	0.0065
213	0.0345	264	-0.2875	354	0.0045
214	0.0365	265	0.0105	355	0.0035
215	0.0355	266	0.0795		
216	0.0325	267	-0.3305		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1765

TUNNEL = 11

TEST NO. = 086

TEST PHASE = 2

RUN NUMBER = 302.

CONFIGURATION NO. = 12.

ANGLE OF MODEL ROLL(DEG) = 450.0

MACH NUMBER = 1.051

TUNNEL DYNAMIC PRESSURE(PSF) = 750.

TUNNEL STAGNATION PRESSURE(PSF) = 1950.

TUNNEL STATIC PRESSURE(PSF) = 970.

REYNOLDS NUMBER PER FOOT = 3.9970E 06

MODEL ANGLE OF ATTACK(DEG) = 7.96

FIN ANGLE(DEG) = -0.

FREE-STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 561.

SCANIVALUE	CP(REF)
147	1.0597
247	1.0587
347	1.0597
447	1.0607
547	1.0667
647	1.0677
747	0.8887

ORF	CP	ORF	CP	ORF	CP
1	0.0997	52	-0.2193	102	-0.3643
2	-0.3263	53	-0.3683	103	-0.8543
3	-0.5323	54	-0.4383	104	0.0277
4	-0.4813	55	-0.8063	105	-0.7593
5	-0.4693	56	-0.6183	110	-0.3183
6	-0.4543	57	-0.5403	111	-0.3413
7	-0.4343	58	-0.5053	112	-0.2933
8	-0.3913	59	-0.4733	113	-0.3133
9	-0.3753	60	-0.4293	114	-0.0993
10	-0.3313	61	-0.3653	115	-0.1003
11	-0.2773	62	-0.2953	116	-0.1013
12	-0.2173	63	-0.2723	117	-0.1023
13	-0.1943	64	-0.4663	118	-0.1043
14	-0.2743	65	-0.4643	119	-0.1043
15	-0.3613	66	-0.9503	120	-0.2703
16	-0.2723	67	-0.7233	121	-0.1073
17	-0.4253	68	-0.5443	122	-0.1013
18	-0.4883	69	-0.4923	123	-0.1013
19	-0.4733	70	-0.4593	124	-0.1863
20	-0.4583	71	-0.4073	125	-0.2133
21	-0.4343	72	-0.3523	126	-0.1753
22	-0.4083	73	-0.3513	127	-0.1933
23	-0.3793	74	-0.5103	128	-0.1573
24	-0.3323	75	-1.0513	129	-0.2983
25	-0.2763	76	-0.8713	135	-0.1673
26	-0.2303	77	-0.7483	136	-0.1703
27	-0.2103	78	-0.5413	137	-0.1583
28	-0.2923	79	-0.4683	138	-0.0073
29	-0.3863	80	-0.4133	139	-0.0043
30	-0.4533	81	-0.4023	140	-0.0113
32	-0.4673	82	-0.4803	141	0.1377
33	-0.4683	83	-1.0463	142	0.1187
34	-0.4473	84	-0.9273	143	0.1457
35	-0.4253	85	-0.8093	145	-0.1693
36	-0.3903	86	-0.7013	147	0.1157
37	-0.3473	87	-0.4443	151	-0.0183
38	-0.2863	88	-0.3733	152	-0.2163
39	-0.2293	89	-0.4953	153	-0.3113
40	-0.2113	90	-1.0343	154	-0.3843
41	-0.2713	91	-0.8973	155	0.0787
42	-0.4053	92	-0.7843	156	0.0337
43	-0.6793	93	-0.7113	157	-0.1493
44	-0.5323	94	-0.6683	158	0.1717
45	-0.4763	95	-0.7873	159	0.1477
46	-0.4613	96	-0.0523	160	0.1027
47	-0.4433	97	-0.3533	161	-0.0253
48	-0.4153	98	0.2187	162	0.3267
49	-0.3733	99	0.2077	163	0.1817
50	-0.3073	100	-0.2513	164	-0.0283
51	-0.2413	101	-0.4073	165	-0.0463

ORF	CP	ORF	CP	ORF	CP
166	0.4867	217	0.0437	268	-0.3363
167	0.2937	218	0.0417	269	0.0227
168	0.2797	219	0.0417	270	0.0407
169	0.1747	220	0.0427	271	-0.3813
170	0.1317	221	-0.2653	272	-0.3653
171	0.2237	222	-0.3383	273	0.0147
172	0.0287	223	-0.4773	274	0.0767
173	0.0067	224	-0.4853	275	0.2477
174	-0.1123	225	0.5007	276	0.3397
175	-0.2873	226	0.3377	277	0.1987
176	-0.3643	227	-0.9643	278	-0.8713
177	-0.2363	228	-0.8733	279	-0.7803
178	-0.3673	229	-0.7713	280	-0.6433
179	-0.2553	230	-0.5173	281	-0.4883
180	-0.3173	231	-0.3283	282	-0.4433
181	0.3267	232	-0.2593	283	-0.4293
182	0.4347	233	-0.2113	284	-0.3413
183	0.2877	234	-0.0603	285	0.0437
184	0.6527	235	-0.2933	286	-0.3833
185	0.7707	236	-0.3503	287	-0.3893
186	0.8117	237	-0.4203	288	-0.0063
187	0.8267	238	-0.3413	289	0.1587
188	0.8347	239	0.4077	290	0.0657
189	0.8437	240	0.3137	291	-0.8803
190	-0.3223	241	-0.9603	292	0.0107
191	-0.3003	242	-0.8563	325	0.0277
192	-0.3083	244	-0.6083	326	0.0287
193	-0.3093	245	-0.4753	327	0.0307
194	-0.3033	246	-0.3283	328	0.0327
195	-0.2993	247	-0.2363	329	0.0347
196	-0.3313	248	-0.0573	330	0.0327
197	-0.3053	249	-0.3163	331	0.0287
198	-0.3083	250	-0.3333	332	0.0307
199	-0.3073	251	-0.2283	333	0.0327
200	-0.3063	252	-0.1083	334	0.0367
201	-0.2993	253	0.3927	335	0.0337
202	-0.2983	254	0.2637	336	0.0257
203	-0.3013	255	-0.9663	337	0.0277
204	-0.3053	256	-0.8853	338	0.0277
205	0.1607	257	-0.8053	339	0.0297
206	0.1517	258	-0.6653	340	0.0317
207	0.2157	259	-0.4603	341	0.0337
208	0.1777	260	-0.3953	350	-0.1043
210	0.2597	261	-0.3063	351	-0.1033
211	0.5067	262	-0.1123	352	-0.1023
212	0.6497	263	-0.4033	353	-0.1023
213	0.0417	264	-0.3103	354	-0.1023
214	0.0437	265	0.0077	355	-0.1033
215	0.0447	266	0.0687		
216	0.0427	267	-0.3743		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1766
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 302.
CONFIGURATION NO. = 12.
ANGLE OF MODEL ROLL(DEG) = 450.0
MACH NUMBER = 1.043
TUNNEL DYNAMIC PRESSURE(PSF) = 745.
TUNNEL STAGNATION PRESSURE(PSF) = 1949.
TUNNEL STATIC PRESSURE(PSF) = 978.
REYNOLDS NUMBER PER FOOT = 3.9900E 06
MODEL ANGLE OF ATTACK(DEG) = 11.93
FIN ANGLE(DEG) = -0.
FREE-STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 561.

SCANIVALUE	CP(REF)
147	1.0542
247	1.0532
347	1.0542
447	1.0542
547	1.0422
647	1.0422
747	1.0412

ORF	CP	ORF	CP	ORF	CP
1	-0.0668	52	-0.3678	102	-0.4038
2	-0.4248	53	-0.4938	103	-0.8598
3	-0.4728	54	-0.5388	104	0.0162
4	-0.3968	55	-0.9148	105	-0.6798
5	-0.3788	56	-0.8758	110	-0.2018
6	-0.3808	57	-0.8238	111	-0.2288
7	-0.3908	58	-0.7748	112	-0.1918
8	-0.3798	59	-0.7228	113	-0.2328
9	-0.3938	60	-0.6638	114	-0.0238
10	-0.3788	61	-0.5868	115	-0.0238
11	-0.3578	62	-0.5098	116	-0.0228
12	-0.3168	63	-0.4528	117	-0.0248
13	-0.3058	64	-0.5998	118	-0.0218
14	-0.3878	65	-0.5928	119	-0.0228
15	-0.4588	66	-0.9298	120	-0.1818
16	-0.4308	67	-0.9118	121	-0.0238
17	-0.4598	68	-0.8718	122	-0.0238
18	-0.4378	69	-0.8298	123	-0.0238
19	-0.4238	70	-0.7898	124	-0.1148
20	-0.4258	71	-0.7498	125	-0.1468
21	-0.4258	72	-0.7208	126	-0.1188
22	-0.4228	73	-0.7238	127	-0.1298
23	-0.4158	74	-0.7698	128	-0.1208
24	-0.3998	75	-0.9298	129	-0.2218
25	-0.3748	76	-0.9328	135	-0.1228
26	-0.3448	77	-0.9038	136	-0.1188
27	-0.3438	78	-0.8718	137	-0.1158
28	-0.4308	79	-0.8468	138	0.0542
29	-0.4788	80	-0.8348	139	0.0512
30	-0.7178	81	-0.8418	140	0.0482
32	-0.5018	82	-0.7248	141	0.1952
33	-0.4478	83	-0.9198	142	0.1762
34	-0.4288	84	-0.9348	143	0.1992
35	-0.4188	85	-0.9208	145	-0.1248
36	-0.4118	86	-0.8908	147	0.1742
37	-0.3978	87	-0.8338	151	0.0162
38	-0.3748	88	-0.7668	152	-0.2118
39	-0.3538	89	-0.6858	153	-0.2948
40	-0.3608	90	-0.8698	154	-0.3328
41	-0.4348	91	-0.8218	155	0.0312
42	-0.4808	92	-0.7788	156	-0.1158
43	-0.8718	93	-0.7418	157	-0.2378
44	-0.8108	94	-0.7048	158	0.0942
45	-0.7368	95	-0.6588	159	0.0052
46	-0.6318	96	0.1152	160	-0.0668
47	-0.5388	97	-0.3578	161	-0.1558
48	-0.4578	98	0.2972	162	0.2582
49	-0.4138	99	0.2732	163	0.1072
50	-0.3818	100	-0.2048	164	0.0482
51	-0.3668	101	-0.4498	165	-0.0918

ORF	CP	ORF	CP	ORF	CP
166	0.4122	217	0.0102	268	-0.3218
167	0.3042	218	0.0152	269	-0.0778
168	0.2832	219	0.0132	270	-0.0658
169	0.1712	220	0.0112	271	-0.4398
170	0.1462	221	-0.3588	272	-0.3998
171	0.2532	222	-0.4358	273	-0.0948
172	0.0542	223	-0.5368	274	-0.0058
173	0.0442	224	-0.5338	275	0.2122
174	-0.0548	225	0.6182	276	0.1702
175	-0.2048	226	0.4502	277	0.0382
176	-0.3478	227	-0.9468	278	-0.8678
177	-0.2648	228	-0.8488	279	-0.7848
178	-0.2318	229	-0.7368	280	-0.6798
179	-0.1668	230	-0.5128	281	-0.4878
180	-0.3428	231	-0.4358	282	-0.3588
181	0.3942	232	-0.4138	283	-0.3778
182	0.5262	233	-0.2878	284	-0.3878
183	0.3712	234	-0.0778	285	0.0132
184	0.8462	235	-0.3168	286	-0.4348
185	0.9642	236	-0.3858	287	-0.4278
186	1.0152	237	-0.4888	288	-0.0378
187	1.0292	238	-0.4118	289	0.1412
188	1.0452	239	0.4762	290	-0.0128
189	1.0442	240	0.3802	291	-0.8878
190	-0.3278	241	-0.9828	292	0.0152
191	-0.3168	242	-0.8928	325	0.0132
192	-0.3208	244	-0.7288	326	0.0132
193	-0.3178	245	-0.5868	327	0.0132
194	-0.3178	246	-0.3408	328	0.0122
195	-0.3208	247	-0.2988	329	0.0142
196	-0.3558	248	-0.1378	330	0.0152
197	-0.3288	249	-0.4148	331	0.0142
198	-0.3288	250	-0.3888	332	0.0142
199	-0.3328	251	-0.2608	333	0.0132
200	-0.3318	252	-0.1298	334	0.0142
201	-0.3258	253	0.2802	335	0.0152
202	-0.3338	254	0.1302	336	0.0142
203	-0.3328	255	-1.0318	337	0.0132
204	-0.3318	256	-0.9778	338	0.0132
205	0.1852	257	-0.9158	339	0.0132
206	0.1872	258	-0.6938	340	0.0122
207	0.2402	259	-0.3808	341	0.0142
208	0.1212	260	-0.3798	350	-0.0258
210	0.2422	261	-0.3848	351	-0.0238
211	0.6022	262	-0.2378	352	-0.0228
212	0.7932	263	-0.5748	353	-0.0218
213	0.0092	264	-0.3088	354	-0.0258
214	0.0082	265	-0.0518	355	-0.0248
215	0.0092	266	-0.0308		
216	0.0092	267	-0.4798		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1767

TUNNEL = 11

TEST NO. = 086

TEST PHASE = 2

RUN NUMBER = 302.

CONFIGURATION NO. = 12.

ANGLE OF MODEL ROLL(DEG) = 450.0

MACH NUMBER = 1.050

TUNNEL DYNAMIC PRESSURE(PSF) = 749.

TUNNEL STAGNATION PRESSURE(PSF) = 1949.

TUNNEL STATIC PRESSURE(PSF) = 970.

REYNOLDS NUMBER PER FOOT = 4.0010E 06

MODEL ANGLE OF ATTACK(DEG) = 0.07

FIN ANGLE(DEG) = -0.

FREE-STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 560.

SCANIVALUE	CP(REF)
147	1.0609
247	1.0599
347	1.0609
447	1.0619
547	1.0639
647	1.0629
747	1.0569

ORF	CP	ORF	CP	ORF	CP
1	0.1559	52	-0.0461	102	-0.3231
2	-0.2811	53	-0.2491	103	-0.8171
3	-0.6421	54	-0.4221	104	0.0189
4	-0.5271	55	-0.1011	105	-0.6411
5	-0.3311	56	0.0159	110	-0.2871
6	-0.1641	57	0.0349	111	-0.3141
7	-0.1061	58	0.0349	112	-0.2351
8	-0.0731	59	0.0399	113	-0.2371
9	-0.0561	60	0.0419	114	-0.0761
10	-0.0431	61	0.0229	115	-0.0761
11	-0.0351	62	-0.0061	116	-0.0741
12	-0.0331	63	-0.0541	117	-0.0771
13	-0.0451	64	-0.4021	118	-0.0771
14	-0.1691	65	-0.4151	119	-0.0751
15	-0.2631	66	0.0719	120	-0.2701
16	-0.1671	67	0.0679	121	-0.0771
17	-0.3861	68	0.0709	122	-0.0771
18	-0.5031	69	0.0649	123	-0.0771
19	-0.3451	70	0.0469	124	-0.1541
20	-0.1101	71	0.0249	125	-0.1761
21	-0.0681	72	-0.0131	126	-0.1321
22	-0.0531	73	-0.0851	127	-0.1601
23	-0.0421	74	-0.4341	128	-0.1051
24	-0.0281	75	0.1159	129	-0.3041
25	-0.0221	76	0.1019	135	-0.1121
26	-0.0251	77	0.0729	136	-0.1171
27	-0.0461	78	0.0469	137	-0.1051
28	-0.1651	79	-0.0021	138	0.0169
29	-0.3211	80	-0.0551	139	-0.0031
30	-0.2321	81	-0.1531	140	0.0169
32	-0.3601	82	-0.4431	141	0.1599
33	-0.1461	83	0.1179	142	0.1549
34	-0.0491	84	0.0829	143	0.1609
35	-0.0321	85	0.0279	145	-0.1221
36	-0.0201	86	-0.0181	147	0.1569
37	-0.0121	87	-0.0601	151	-0.0801
38	-0.0081	88	-0.1291	152	-0.2551
39	-0.0111	89	-0.4531	153	-0.2731
40	-0.0421	90	0.0469	154	-0.3621
41	-0.1371	91	0.0009	155	-0.0761
42	-0.3881	92	-0.0361	156	0.0799
43	-0.2201	93	-0.0711	157	-0.0981
44	-0.2311	94	-0.1231	158	0.3759
45	-0.0781	95	-0.4551	159	0.2029
46	-0.0041	96	-0.6271	160	0.1469
47	0.0019	97	-0.4111	161	0.0479
48	0.0099	98	0.0279	162	0.3279
49	0.0169	99	0.0789	163	0.2629
50	0.0149	100	-0.1441	164	-0.0141
51	-0.0061	101	-0.3511	165	-0.0221

ORF	CP	ORF	CP	ORF	CP
166	0.4079	217	0.0179	268	-0.3041
167	0.2119	218	0.0189	269	0.0689
168	0.1789	219	0.0189	270	0.1359
169	0.0609	220	0.0159	271	-0.3421
170	-0.0661	221	-0.1921	272	-0.3701
171	0.1259	222	-0.2661	273	0.0499
172	-0.0911	223	-0.3811	274	0.1169
173	-0.0601	224	-0.3751	275	0.3299
174	-0.1561	225	0.2949	276	0.3709
175	-0.2811	226	0.1939	277	0.2309
176	-0.3871	227	-0.9531	278	-0.8961
177	-0.2591	228	-0.8631	279	-0.8411
178	-0.4121	229	-0.7391	280	-0.7431
179	-0.4371	230	-0.5261	281	-0.5971
180	-0.2771	231	-0.2661	282	-0.3701
181	0.3709	232	-0.1561	283	-0.1441
182	0.5199	233	-0.0901	284	-0.0541
183	0.4509	234	-0.0571	285	0.0229
184	0.7709	235	-0.2301	286	-0.3471
185	0.8289	236	-0.2791	287	-0.3891
186	0.8489	237	-0.3321	288	-0.0181
187	0.8959	238	-0.2981	289	0.1139
188	0.9629	239	0.3019	290	0.0859
189	1.0069	240	0.1999	291	-0.7491
190	-0.3171	241	-1.0021	292	-0.0071
191	-0.3021	242	-0.9091	325	0.0269
192	-0.3051	244	-0.5401	326	0.0279
193	-0.2991	245	-0.2781	327	0.0269
194	-0.2921	246	-0.1721	328	0.0269
195	-0.2901	247	-0.0831	329	0.0269
196	-0.3001	248	-0.0331	330	0.0279
197	-0.2941	249	-0.2201	331	0.0299
198	-0.2941	250	-0.2651	332	0.0269
199	-0.2891	251	-0.2001	333	0.0269
200	-0.2901	252	-0.1271	334	0.0279
201	-0.2841	253	0.3109	335	0.0289
202	-0.2891	254	0.1769	336	0.0279
203	-0.2851	255	-1.0061	337	0.0269
204	-0.2841	256	-0.9361	338	0.0279
205	0.1799	257	-0.8771	339	0.0259
206	0.1769	258	-0.7111	340	0.0269
207	0.2139	259	-0.2391	341	0.0269
208	0.1949	260	-0.1351	350	-0.0761
210	0.2299	261	-0.0561	351	-0.0761
211	0.3259	262	-0.0051	352	-0.0761
212	0.3619	263	-0.2781	353	-0.0751
213	0.0209	264	-0.2631	354	-0.0771
214	0.0209	265	0.0189	355	-0.0751
215	0.0199	266	0.1099		
216	0.0179	267	-0.2901		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1768
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 303.
CONFIGURATION NO. = 12.
ANGLE OF MODEL ROLL(DEG) = 450.0
MACH NUMBER = 0.897
TUNNEL DYNAMIC PRESSURE(PSF) = 683.
TUNNEL STAGNATION PRESSURE(PSF) = 2043.
TUNNEL STATIC PRESSURE(PSF) = 1211.
REYNOLDS NUMBER PER FOOT = 3.9930E 06
MODEL ANGLE OF ATTACK(DEG) = -12.05
FIN ANGLE(DEG) = -0.
FREE-STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 561.

SCANVALUE	CP(REF)
147	0.8119
247	0.8109
347	0.8109
447	0.8099
547	0.8069
647	0.8079
747	0.8069

ORF	CP	ORF	CP	ORF	CP
1	0.1189	52	-0.1071	102	-0.4031
2	0.0249	53	-0.3981	103	-0.8061
3	0.0119	54	-0.5571	104	0.0199
4	0.0059	55	0.3449	105	-0.6131
5	0.0039	56	0.2589	110	-0.6661
6	0.0009	57	0.2149	111	-0.6811
7	-0.0071	58	0.1719	112	-0.6431
8	-0.0091	59	0.1249	113	-0.6711
9	-0.0281	60	0.0789	114	-0.4851
10	-0.0411	61	0.0299	115	-0.4841
11	-0.0561	62	-0.0331	116	-0.4881
12	-0.0791	63	-0.1291	117	-0.4831
13	-0.1231	64	-0.6171	118	-0.4831
14	-0.2821	65	-0.5581	119	-0.4831
15	-0.3341	66	0.3439	120	-0.7191
16	0.1549	67	0.2619	121	-0.4851
17	0.1109	68	0.1989	122	-0.4841
18	0.0889	69	0.1539	123	-0.4871
19	0.0659	70	0.1049	124	-0.6211
20	0.0419	71	0.0389	125	-0.6831
21	0.0269	72	-0.0431	126	-0.6431
22	0.0129	73	-0.1781	127	-0.6621
23	-0.0091	74	-0.5641	128	-0.5671
24	-0.0281	75	0.3379	129	-0.7851
25	-0.0521	76	0.2429	135	-0.5631
26	-0.0831	77	0.1679	136	-0.5831
27	-0.1321	78	0.0959	137	-0.5681
28	-0.2761	79	0.0169	138	-0.3841
29	-0.3941	80	-0.0871	139	-0.3941
30	0.2549	81	-0.2871	140	-0.3741
32	0.1539	82	-0.5861	141	-0.3431
33	0.1219	83	0.3109	142	-0.3981
34	0.0929	84	0.1999	143	-0.4071
35	0.0659	85	0.0919	145	-0.5901
36	0.0409	86	-0.0201	147	-0.3991
37	0.0169	87	-0.1311	151	-0.0701
38	-0.0141	88	-0.2821	152	-0.1521
39	-0.0521	89	-0.6111	153	-0.2321
40	-0.1061	90	0.1939	154	-0.2521
41	-0.2261	91	-0.0161	155	0.1049
42	-0.4931	92	-0.1341	156	0.0889
43	0.3169	93	-0.2251	157	-0.0541
44	0.2459	94	-0.3251	158	0.3689
45	0.2029	95	-0.6141	159	0.2079
46	0.1659	96	-0.6991	160	0.1789
47	0.1269	97	-0.6041	161	0.0659
48	0.0889	98	-1.1911	162	0.2119
49	0.0499	99	-0.8711	163	0.1149
50	0.0179	100	-0.6571	164	-0.3971
51	-0.0361	101	-0.4411	165	-0.0831

ORF	CP	ORF	CP	ORF	CP
166	0.0689	217	0.0219	268	-0.2741
167	-0.0091	218	0.0189	269	0.0579
168	-0.0601	219	0.0189	270	0.1699
169	-0.1471	220	0.0209	271	-0.4211
170	0.0249	221	-0.3011	272	-0.3751
171	-0.1001	222	-0.2791	273	0.0599
172	-0.1871	223	-0.4931	274	0.1159
173	-0.0961	224	-0.4201	275	0.0169
174	-0.1321	225	-0.8231	276	0.1599
175	-0.2161	226	-1.0581	277	0.1369
176	-0.2701	227	-1.1651	278	-0.1831
177	-0.2351	228	-1.1411	279	-0.0791
178	-0.3261	229	-1.1211	280	-0.0391
179	-0.2331	230	-0.9361	281	0.0039
180	-0.2451	231	-0.8111	282	0.0159
181	0.4509	232	-0.6921	283	0.0079
182	0.5529	233	-0.4581	284	-0.0201
183	0.4689	234	-0.3521	285	0.0199
184	0.7829	235	-0.3481	286	-0.4391
185	0.8839	236	-0.3141	287	-0.4251
186	1.0309	237	-0.2791	288	-0.0841
187	1.1639	238	-0.2491	289	-0.0651
188	1.2049	239	0.1379	290	0.0859
189	1.2109	240	0.0089	291	-1.1501
190	-0.2201	241	-0.7521	292	-0.4261
191	-0.2001	242	-0.7431	325	0.0199
192	-0.2151	244	-0.5981	326	0.0229
193	-0.2091	245	-0.3771	327	0.0199
194	-0.2121	246	-0.3081	328	0.0219
195	-0.2041	247	-0.2601	329	0.0219
196	-0.2331	248	-0.2271	330	0.0239
197	-0.2101	249	-0.2651	331	0.0239
198	-0.2021	250	-0.2391	332	0.0219
199	-0.2141	251	-0.1991	333	0.0219
200	-0.2081	252	-0.1351	334	0.0229
201	-0.2011	253	0.1379	335	0.0239
202	-0.2161	254	0.0319	336	0.0179
203	-0.2021	255	-0.6401	337	0.0189
204	-0.1971	256	-0.5191	338	0.0209
205	-0.5261	257	-0.4111	339	0.0199
206	-0.5241	258	-0.2031	340	0.0209
207	-0.3081	259	-0.1011	341	0.0209
208	-0.1341	260	-0.0801	350	-0.4801
210	0.5729	261	-0.1071	351	-0.4841
211	0.5699	262	-0.1351	352	-0.4841
212	0.6479	263	-0.3511	353	-0.4851
213	0.0199	264	-0.2171	354	-0.4841
214	0.0229	265	0.0139	355	-0.4861
215	0.0229	266	0.0999		
216	0.0229	267	-0.3871		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1769
 TUNNEL = 11
 TEST NO. = 086
 TEST PHASE = 2
 RUN NUMBER = 303.
 CONFIGURATION NO. = 12.
 ANGLE OF MODEL ROLL(DEG) = 450.0
 MACH NUMBER = 0.891
 TUNNEL DYNAMIC PRESSURE(PSF) = 677.
 TUNNEL STAGNATION PRESSURE(PSF) = 2040.
 TUNNEL STATIC PRESSURE(PSF) = 1218.
 REYNOLDS NUMBER PER FOOT = 3.9770E 06
 MODEL ANGLE OF ATTACK(DEG) = -8.13
 FIN ANGLE(DEG) = -0.
 FREE STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 561.

SCAN VALUE	CP(REF)
147	0.8079
247	0.8079
347	0.8079
447	0.8089
547	0.7659
647	0.7669
747	0.7659

ORF	CP	ORF	CP	ORF	CP
1	0.1119	52	-0.1681	102	-0.4001
2	-0.1901	53	-0.4521	103	-0.7261
3	-0.1841	54	-0.6401	104	0.0119
4	-0.1221	55	0.2039	105	-0.5551
5	-0.0901	56	0.1379	110	-0.1491
6	-0.0781	57	0.1069	111	-0.1571
7	-0.0731	58	0.0639	112	-0.1241
8	-0.0721	59	0.0249	113	-0.1411
9	-0.0871	60	-0.0111	114	-0.0321
10	-0.0931	61	-0.0551	115	-0.0311
11	-0.1041	62	-0.1121	116	-0.0311
12	-0.1141	63	-0.2001	117	-0.0321
13	-0.1561	64	-0.6801	118	-0.0321
14	-0.3231	65	-0.6461	119	-0.0321
15	-0.3821	66	0.2129	120	-0.1641
16	-0.0011	67	0.1369	121	-0.0311
17	-0.0331	68	0.0849	122	-0.0321
18	-0.0261	69	0.0409	123	-0.0321
19	-0.0321	70	-0.0021	124	-0.1001
20	-0.0431	71	-0.0581	125	-0.1371
21	-0.0501	72	-0.1321	126	-0.1151
22	-0.0591	73	-0.2551	127	-0.1271
23	-0.0751	74	-0.6681	128	-0.0671
24	-0.0851	75	0.2149	129	-0.2181
25	-0.1021	76	0.1289	135	-0.0661
26	-0.1241	77	0.0579	136	-0.0751
27	-0.1611	78	-0.0051	137	-0.0681
28	-0.3021	79	-0.0801	138	0.0399
29	-0.4871	80	-0.1791	139	0.0339
30	0.1089	81	-0.3651	140	0.0399
32	0.0409	82	-0.7011	141	0.0859
33	0.0139	83	0.2149	142	0.0829
34	-0.0071	84	0.0989	143	0.0779
35	-0.0241	85	-0.0041	145	-0.0791
36	-0.0411	86	-0.1091	147	0.0779
37	-0.0601	87	-0.2081	151	-0.1081
38	-0.0841	88	-0.3371	152	-0.1871
39	-0.1091	89	-0.7031	153	-0.2761
40	-0.1571	90	0.0859	154	-0.2621
41	-0.2761	91	-0.1191	155	0.0669
42	-0.6151	92	-0.2211	156	0.1319
43	0.1919	93	-0.2911	157	-0.0351
44	0.1299	94	-0.3881	158	0.4719
45	0.0969	95	-0.6731	159	0.2739
46	0.0679	96	-0.7981	160	0.2439
47	0.0379	97	-0.6661	161	0.1239
48	0.0109	98	-0.9071	162	0.1529
49	-0.0201	99	-0.9941	163	0.1299
50	-0.0521	100	-0.6031	164	0.0319
51	-0.1031	101	-0.4381	165	-0.0381

ORF	CP	ORF	CP	ORF	CP
166	0.0289	217	-0.0191	268	-0.3361
167	0.0819	218	-0.0151	269	0.0469
168	0.0699	219	-0.0171	270	0.1519
169	-0.0441	220	-0.0171	271	-0.4371
170	0.0769	221	-0.3981	272	-0.4511
171	-0.0161	222	-0.3431	273	-0.0351
172	-0.1441	223	-0.5201	274	-0.0431
173	-0.0811	224	-0.4821	275	-0.0261
174	-0.1141	225	-0.5261	276	0.2539
175	-0.2281	226	-0.5461	277	0.1389
176	-0.2741	227	-1.2061	278	-0.6931
177	-0.2931	228	-1.1301	279	-0.5761
178	-0.4401	229	-1.1011	280	-0.4101
179	-0.4191	230	-1.0131	281	-0.2221
180	-0.2471	231	-0.8631	282	-0.1281
181	0.5459	232	-0.7791	283	-0.1091
182	0.6719	233	-0.4801	284	-0.1151
183	0.3669	234	-0.3511	285	-0.0111
184	0.9309	235	-0.3441	286	-0.4311
185	1.0799	236	-0.3171	287	-0.4761
186	1.0169	237	-0.3151	288	-0.2221
187	1.0379	238	-0.2771	289	-0.1621
188	1.1019	239	0.0849	290	0.0869
189	1.1299	240	-0.0531	291	-1.1911
190	-0.2441	241	-0.8421	292	-0.3781
191	-0.2351	242	-0.8231	325	0.0089
192	-0.2221	244	-0.6451	326	0.0139
193	-0.2221	245	-0.4241	327	0.0099
194	-0.2271	246	-0.3361	328	0.0079
195	-0.2281	247	-0.2881	329	0.0109
196	-0.2371	248	-0.2661	330	0.0119
197	-0.2211	249	-0.2981	331	0.0139
198	-0.2211	250	-0.2661	332	0.0109
199	-0.2291	251	-0.2181	333	0.0099
200	-0.2341	252	-0.1751	334	0.0129
201	-0.2201	253	0.1269	335	0.0129
202	-0.2191	254	-0.0161	336	0.0089
203	-0.2171	255	-0.7751	337	0.0089
204	-0.2071	256	-0.7141	338	0.0139
205	-0.0531	257	-0.6331	339	0.0079
206	-0.0501	258	-0.4301	340	0.0079
207	0.0479	259	-0.2521	341	0.0109
208	0.1239	260	-0.2141	350	-0.0291
210	0.3199	261	-0.2021	351	-0.0281
211	0.5229	262	-0.1941	352	-0.0291
212	0.6269	263	-0.4301	353	-0.0251
213	-0.0161	264	-0.2881	354	-0.0231
214	-0.0161	265	-0.0051	355	-0.0251
215	-0.0171	266	0.1059		
216	-0.0151	267	-0.4291		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1770
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 303.
CONFIGURATION NO. = 12.
ANGLE OF MODEL ROLL(DEG) = 450.0
MACH NUMBER = 0.900
TUNNEL DYNAMIC PRESSURE(PSF) = 687.
TUNNEL STAGNATION PRESSURE(PSF) = 2049.
TUNNEL STATIC PRESSURE(PSF) = 1211.
REYNOLDS NUMBER PER FOOT = 4.0070E 06
MODEL ANGLE OF ATTACK(DEG) = -4.03
FIN ANGLE(DEG) = -0.
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 561.

SCANIVALUE	CP(REF)
147	0.8053
247	0.8043
347	0.8043
447	0.8053
547	0.8053
647	0.8043
747	0.8033

ORF	CP	ORF	CP	ORF	CP
1	-0.0217	52	-0.2297	102	-0.3557
2	-0.3587	53	-0.4887	103	-0.6117
3	-0.3547	54	-0.6177	104	0.0213
4	-0.2687	55	0.0853	105	-0.4177
5	-0.2117	56	0.0403	110	-0.0917
6	-0.1797	57	0.0173	111	-0.1057
7	-0.1647	58	-0.0197	112	-0.0647
8	-0.1497	59	-0.0517	113	-0.0817
9	-0.1477	60	-0.0817	114	0.0013
10	-0.1527	61	-0.1207	115	-0.0007
11	-0.1577	62	-0.1667	116	0.0043
12	-0.1737	63	-0.2437	117	0.0043
13	-0.2087	64	-0.6907	118	0.0033
14	-0.3387	65	-0.6797	119	0.0023
15	-0.3637	66	0.1133	120	-0.1037
16	-0.1887	67	0.0433	121	0.0033
17	-0.2117	68	-0.0017	122	0.0043
18	-0.1777	69	-0.0387	123	0.0023
19	-0.1577	70	-0.0737	124	-0.0397
20	-0.1457	71	-0.1177	125	-0.0717
21	-0.1347	72	-0.1797	126	-0.0477
22	-0.1357	73	-0.2767	127	-0.0607
23	-0.1417	74	-0.7007	128	-0.0107
24	-0.1427	75	0.1123	129	-0.1537
25	-0.1567	76	0.0483	135	-0.0067
26	-0.1727	77	-0.0147	136	-0.0187
27	-0.2197	78	-0.0767	137	-0.0107
28	-0.3597	79	-0.1487	138	0.0923
29	-0.3967	80	-0.2237	139	0.0813
30	-0.0797	81	-0.3727	140	0.0903
32	-0.0797	82	-0.6857	141	0.1413
33	-0.0887	83	0.0873	142	0.1403
34	-0.0967	84	-0.0077	143	0.1433
35	-0.0997	85	-0.0977	145	-0.0197
36	-0.1157	86	-0.1857	147	0.1403
37	-0.1267	87	-0.2577	151	-0.0767
38	-0.1407	88	-0.3617	152	-0.1497
39	-0.1657	89	-0.6657	153	-0.1727
40	-0.2157	90	-0.0287	154	-0.2237
41	-0.3357	91	-0.2087	155	-0.0497
42	-0.4447	92	-0.2667	156	0.1443
43	0.0273	93	-0.3207	157	-0.0157
44	-0.0107	94	-0.3967	158	0.2163
45	-0.0237	95	-0.6367	159	0.1993
46	-0.0397	96	-0.7217	160	0.1473
47	-0.0557	97	-0.5977	161	0.0553
48	-0.0757	98	-0.1827	162	0.0523
49	-0.1017	99	-0.3617	163	0.0723
50	-0.1287	100	-0.4587	164	0.0823
51	-0.1677	101	-0.3817	165	-0.0507

ORF	CP	ORF	CP	ORF	CP
166	0.0403	217	0.0253	268	-0.2917
167	0.0773	218	0.0253	269	-0.0057
168	0.0653	219	0.0273	270	0.0533
169	-0.0237	220	0.0273	271	-0.3587
170	0.0313	221	-0.3147	272	-0.3647
171	0.0543	222	-0.2857	273	-0.0837
172	-0.0837	223	-0.4517	274	-0.0617
173	-0.0317	224	-0.4137	275	0.0313
174	-0.0947	225	-0.1147	276	0.2053
175	-0.1617	226	-0.2617	277	0.0573
176	-0.2257	227	-1.1267	278	-0.8257
177	-0.1927	228	-1.0647	279	-0.7447
178	-0.3297	229	-0.9757	280	-0.5797
179	-0.3577	230	-0.7607	281	-0.3477
180	-0.1997	231	-0.6567	282	-0.2167
181	0.4743	232	-0.6197	283	-0.1687
182	0.5793	233	-0.3567	284	-0.1457
183	0.3123	234	-0.2557	285	0.0303
184	0.7923	235	-0.2827	286	-0.3547
185	0.9353	236	-0.2667	287	-0.4157
186	0.9733	237	-0.2597	288	-0.1717
187	1.0013	238	-0.2287	289	-0.0777
188	1.0733	239	0.1493	290	0.0373
189	1.1083	240	0.0303	291	-1.1487
190	-0.2097	241	-0.9907	292	-0.2367
191	-0.1827	242	-0.9037	325	0.0243
192	-0.1917	244	-0.5767	326	0.0243
193	-0.1897	245	-0.3537	327	0.0233
194	-0.1817	246	-0.2847	328	0.0223
195	-0.1877	247	-0.2607	329	0.0213
196	-0.1977	248	-0.2417	330	0.0203
197	-0.1807	249	-0.2857	331	0.0263
198	-0.1847	250	-0.2347	332	0.0253
199	-0.1837	251	-0.1757	333	0.0243
200	-0.1897	252	-0.1277	334	0.0233
201	-0.1777	253	0.2133	335	0.0223
202	-0.1817	254	0.0503	336	0.0243
203	-0.1847	255	-0.8657	337	0.0243
204	-0.1737	256	-0.8347	338	0.0233
205	0.0183	257	-0.7717	339	0.0233
206	0.0203	258	-0.6167	340	0.0223
207	0.0783	259	-0.3347	341	0.0203
208	0.1163	260	-0.2247	350	0.0043
210	0.1233	261	-0.1847	351	0.0033
211	0.3673	262	-0.1707	352	0.0023
212	0.4793	263	-0.3637	353	0.0053
213	0.0253	264	-0.2357	354	0.0053
214	0.0253	265	-0.0227	355	0.0043
215	0.0243	266	0.0463		
216	0.0243	267	-0.3697		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1771
 TUNNEL = 11
 TEST NO. = 086
 TEST PHASE = 2
 RUN NUMBER = 303.
 CONFIGURATION NO. = 12.
 ANGLE OF MODEL ROLL(DEG) = 450.0
 MACH NUMBER = 0.902
 TUNNEL DYNAMIC PRESSURE(PSF) = 688.
 TUNNEL STAGNATION PRESSURE(PSF) = 2049.
 TUNNEL STATIC PRESSURE(PSF) = 1209.
 REYNOLDS NUMBER PER FOOT = 4.0110E 06
 MODEL ANGLE OF ATTACK(DEG) = 0.07
 FIN ANGLE(DEG) = -0.
 FREE¹STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 561.

SCANIVALUE	CP(REF)
147	0.8067
247	0.8057
347	0.8057
447	0.8057
547	0.8087
647	0.8087
747	0.8087

ORF	CP	ORF	CP	ORF	CP
1	-0.0743	52	-0.2883	102	-0.2893
2	-0.5523	53	-0.5383	103	-0.5343
3	-0.6723	54	-0.5163	104	0.0037
4	-0.4503	55	-0.0643	105	-0.3713
5	-0.3163	56	-0.0923	110	-0.0743
6	-0.2523	57	-0.1063	111	-0.0983
7	-0.2253	58	-0.1293	112	-0.0493
8	-0.2023	59	-0.1543	113	-0.0723
9	-0.2013	60	-0.1723	114	-0.0123
10	-0.1993	61	-0.2053	115	-0.0133
11	-0.2003	62	-0.2453	116	-0.0143
12	-0.2073	63	-0.3143	117	-0.0133
13	-0.2403	64	-0.7303	118	-0.0153
14	-0.3523	65	-0.7283	119	-0.0133
15	-0.3373	66	-0.0673	120	-0.0843
16	-0.4223	67	-0.0933	121	-0.0163
17	-0.5463	68	-0.1213	122	-0.0123
18	-0.3113	69	-0.1513	123	-0.0103
19	-0.2283	70	-0.1823	124	-0.0193
20	-0.2033	71	-0.2193	125	-0.0513
21	-0.1933	72	-0.2733	126	-0.0313
22	-0.1853	73	-0.3553	127	-0.0413
23	-0.1893	74	-0.7423	128	0.0007
24	-0.1853	75	-0.0753	129	-0.1273
25	-0.1973	76	-0.1143	135	0.0037
26	-0.2113	77	-0.1563	136	-0.0043
27	-0.2483	78	-0.1993	137	0.0027
28	-0.3753	79	-0.2553	138	0.1037
29	-0.3593	80	-0.2993	139	0.0977
30	-0.4253	81	-0.4173	140	0.1007
32	-0.1683	82	-0.7393	141	0.1477
33	-0.1683	83	-0.0913	142	0.1457
34	-0.1703	84	-0.1513	143	0.1517
35	-0.1673	85	-0.2213	145	-0.0043
36	-0.1703	86	-0.2593	147	0.1427
37	-0.1773	87	-0.3023	151	-0.0723
38	-0.1873	88	-0.3833	152	-0.1573
39	-0.2123	89	-0.7323	153	-0.1583
40	-0.2583	90	-0.2123	154	-0.1973
41	-0.3753	91	-0.2303	155	-0.1033
42	-0.3913	92	-0.2733	156	0.1067
43	-0.1033	93	-0.3053	157	-0.0293
44	-0.1173	94	-0.3663	158	0.1527
45	-0.1253	95	-0.6793	159	0.1837
46	-0.1333	96	-0.7403	160	0.1457
47	-0.1473	97	-0.6723	161	0.0557
48	-0.1563	98	-0.1203	162	0.1447
49	-0.1753	99	-0.1503	163	0.1867
50	-0.1933	100	-0.3943	164	0.0947
51	-0.2323	101	-0.3063	165	0.0317

ORF	CP	ORF	CP	ORF	CP
166	0.1707	217	0.0087	268	-0.2833
167	0.1927	218	0.0097	269	-0.0743
168	0.1737	219	0.0097	270	-0.0043
169	0.0737	220	0.0087	271	-0.2933
170	-0.0923	221	-0.2613	272	-0.3173
171	0.1647	222	-0.2973	273	-0.2003
172	-0.0283	223	-0.4433	274	-0.0923
173	-0.0683	224	-0.4313	275	0.0457
174	-0.1003	225	0.1167	276	0.1817
175	-0.1673	226	-0.0153	277	0.0287
176	-0.2193	227	-1.1753	278	-1.1593
177	-0.1843	228	-1.0073	279	-1.0143
178	-0.2753	229	-0.8303	280	-0.8793
179	-0.3173	230	-0.5953	281	-0.6343
180	-0.1923	231	-0.3683	282	-0.3473
181	0.2957	232	-0.2943	283	-0.2393
182	0.3547	233	-0.2443	284	-0.1903
183	0.2317	234	-0.2273	285	0.0077
184	0.5407	235	-0.3063	286	-0.3043
185	0.6547	236	-0.2853	287	-0.3503
186	0.7387	237	-0.2513	288	-0.2233
187	0.8327	238	-0.1993	289	-0.1053
188	0.8887	239	0.1307	290	0.0087
189	0.9177	240	0.0057	291	-0.7813
190	-0.2023	241	-1.1423	292	-0.1823
191	-0.1773	242	-1.0063	325	0.0027
192	-0.1803	244	-0.6803	326	0.0027
193	-0.1823	245	-0.3833	327	0.0027
194	-0.1823	246	-0.2873	328	0.0037
195	-0.1803	247	-0.2353	329	0.0047
196	-0.2003	248	-0.2173	330	0.0037
197	-0.1783	249	-0.3133	331	0.0047
198	-0.1793	250	-0.2503	332	0.0057
199	-0.1843	251	-0.1713	333	0.0047
200	-0.1793	252	-0.1193	334	0.0057
201	-0.1773	253	0.1867	335	0.0057
202	-0.1763	254	0.0237	336	0.0047
203	-0.1793	255	-1.2643	337	0.0037
204	-0.1773	256	-1.2323	338	0.0027
205	0.0467	257	-1.1193	339	0.0027
206	0.0497	258	-0.7033	340	0.0037
207	0.0807	259	-0.3693	341	0.0047
208	0.0697	260	-0.2423	350	-0.0143
210	0.0377	261	-0.2013	351	-0.0143
211	0.1527	262	-0.1823	352	-0.0143
212	0.1757	263	-0.3613	353	-0.0123
213	0.0097	264	-0.2393	354	-0.0123
214	0.0077	265	-0.0453	355	-0.0113
215	0.0097	266	0.0097		
216	0.0097	267	-0.3283		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1772
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 303.
CONFIGURATION NO. = 12.
ANGLE OF MODEL ROLL(DEG) = 450.0
MACH NUMBER = 0.893
TUNNEL DYNAMIC PRESSURE(PSF) = 681.
TUNNEL STAGNATION PRESSURE(PSF) = 2050.
TUNNEL STATIC PRESSURE(PSF) = 1222.
REYNOLDS NUMBER PER FOOT = 3.9970E 06
MODEL ANGLE OF ATTACK(DEG) = 4.01
FIN ANGLE(DEG) = -0.
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 561.

SCANIVALUE	CP(REF)
147	0.7956
247	0.7946
347	0.7956
447	0.7956
547	0.7616
647	0.7616
747	0.7616

ORF	CP	ORF	CP	ORF	CP
1	-0.1944	52	-0.3444	102	-0.3674
2	-0.6324	53	-0.5904	103	-0.6754
3	-0.7324	54	-0.5614	104	0.0036
4	-0.6434	55	-0.8474	105	-0.4634
5	-0.5614	56	-0.4444	110	-0.1194
6	-0.4844	57	-0.2384	111	-0.1544
7	-0.3994	58	-0.1954	112	-0.0994
8	-0.3594	59	-0.2254	113	-0.1254
9	-0.3264	60	-0.2544	114	-0.0244
10	-0.2954	61	-0.2834	115	-0.0234
11	-0.2774	62	-0.3134	116	-0.0234
12	-0.2724	63	-0.3774	117	-0.0244
13	-0.3014	64	-0.7764	118	-0.0234
14	-0.4004	65	-0.7524	119	-0.0234
15	-0.3934	66	-0.8484	120	-0.1034
16	-0.5354	67	-0.5714	121	-0.0234
17	-0.6564	68	-0.3514	122	-0.0254
18	-0.6434	69	-0.2184	123	-0.0254
19	-0.5674	70	-0.2364	124	-0.0614
20	-0.4924	71	-0.2744	125	-0.0874
21	-0.4344	72	-0.3254	126	-0.0694
22	-0.3494	73	-0.4034	127	-0.0784
23	-0.3074	74	-0.7964	128	-0.0364
24	-0.2874	75	-0.6524	129	-0.1444
25	-0.2794	76	-0.5494	135	-0.0334
26	-0.2914	77	-0.4374	136	-0.0424
27	-0.3244	78	-0.3724	137	-0.0364
28	-0.4254	79	-0.3654	138	0.0616
29	-0.4214	80	-0.3874	139	0.0556
30	-0.5924	81	-0.5184	140	0.0626
32	-0.5804	82	-0.6964	141	0.0996
33	-0.4894	83	-0.6804	142	0.0956
34	-0.3714	84	-0.6014	143	0.1166
35	-0.3074	85	-0.4514	145	-0.0434
36	-0.2684	86	-0.3774	147	0.0916
37	-0.2514	87	-0.3624	151	-0.0414
38	-0.2584	88	-0.4514	152	-0.1574
39	-0.2824	89	-0.6614	153	-0.1894
40	-0.3244	90	-0.7104	154	-0.2224
41	-0.4304	91	-0.5924	155	-0.0214
42	-0.4514	92	-0.4694	156	0.0186
43	-0.6554	93	-0.4234	157	-0.0894
44	-0.5384	94	-0.4594	158	0.0306
45	-0.3394	95	-0.5794	159	0.0576
46	-0.2434	96	-0.3664	160	0.0436
47	-0.2144	97	-0.6944	161	-0.0444
48	-0.2254	98	-0.0344	162	0.0086
49	-0.2464	99	-0.0574	163	0.0206
50	-0.2614	100	-0.4564	164	0.0556
51	-0.2994	101	-0.3904	165	-0.0784

ORF	CP	ORF	CP	ORF	CP
166	0.2036	217	-0.0134	268	-0.3544
167	0.1866	218	-0.0144	269	-0.0984
168	0.1626	219	-0.0134	270	-0.0794
169	0.0566	220	-0.0104	271	-0.3884
170	-0.0524	221	-0.2654	272	-0.4164
171	0.1736	222	-0.3174	273	-0.1154
172	-0.0324	223	-0.4934	274	-0.1184
173	-0.0534	224	-0.5794	275	0.0076
174	-0.1134	225	0.2176	276	0.0376
175	-0.2114	226	0.0236	277	-0.1084
176	-0.2594	227	-1.4284	278	-1.1884
177	-0.1974	228	-1.3184	279	-1.0554
178	-0.2814	229	-1.1834	280	-0.8944
179	-0.2314	230	-0.8294	281	-0.7004
180	-0.2284	231	-0.5294	282	-0.5684
181	0.1676	232	-0.3694	283	-0.4574
182	0.2376	233	-0.2824	284	-0.3074
183	0.1546	234	-0.2624	285	-0.0054
184	0.3716	235	-0.4244	286	-0.3804
185	0.4496	236	-0.3684	287	-0.4364
186	0.5056	237	-0.3034	288	-0.2094
187	0.5856	238	-0.2384	289	-0.0984
188	0.6236	239	0.1656	290	-0.0434
189	0.6576	240	0.0536	291	-1.0254
190	-0.2674	241	-1.4114	292	-0.1964
191	-0.2104	242	-1.2834	325	0.0036
192	-0.2224	244	-1.0154	326	0.0036
193	-0.2204	245	-0.5374	327	0.0056
194	-0.2104	246	-0.3494	328	0.0066
195	-0.2044	247	-0.2674	329	0.0056
196	-0.2394	248	-0.2354	330	0.0066
197	-0.2144	249	-0.4274	331	0.0056
198	-0.2144	250	-0.3284	332	0.0056
199	-0.2164	251	-0.2094	333	0.0066
200	-0.2134	252	-0.1454	334	0.0076
201	-0.2074	253	0.1356	335	0.0086
202	-0.2104	254	-0.0174	336	0.0036
203	-0.2084	255	-1.4124	337	0.0036
204	-0.2114	256	-1.2944	338	0.0036
205	0.0456	257	-1.1794	339	0.0046
206	0.0436	258	-0.9464	340	0.0056
207	0.0756	259	-0.6224	341	0.0056
208	0.0636	260	-0.4404	350	-0.0254
210	0.0226	261	-0.3004	351	-0.0264
211	0.3636	262	-0.2544	352	-0.0254
212	0.5106	263	-0.4574	353	-0.0254
213	-0.0144	264	-0.3084	354	-0.0254
214	-0.0164	265	-0.0914	355	-0.0254
215	-0.0164	266	-0.0514		
216	-0.0134	267	-0.4204		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1773
 TUNNEL = 11
 TEST NO. = 086
 TEST PHASE = 2
 RUN NUMBER = 303.
 CONFIGURATION NO. = 12.
 ANGLE OF MODEL ROLL(DEG) = 450.0
 MACH NUMBER = 0.893
 TUNNEL DYNAMIC PRESSURE(PSF) = 681.
 TUNNEL STAGNATION PRESSURE(PSF) = 2050.
 TUNNEL STATIC PRESSURE(PSF) = 1222.
 REYNOLDS NUMBER PER FOOT = 3.9970E 06
 MODEL ANGLE OF ATTACK(DEG) = 7.97
 FIN ANGLE(DEG) = -0.
 FREE STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 561.

SCAN VALUE	CP(REF)
147	0.7956
247	0.7946
347	0.7946
447	0.7956
547	0.7786
647	0.7786
747	0.7776

ORF	CP	ORF	CP	ORF	CP
1	-0.2484	52	-0.3774	102	-0.3664
2	-0.6584	53	-0.5654	103	-0.7184
3	-0.7594	54	-0.4514	104	0.0306
4	-0.6804	55	-1.2124	105	-0.5204
5	-0.6464	56	-1.0914	110	-0.1514
6	-0.6254	57	-0.9744	111	-0.2004
7	-0.6084	58	-0.8594	112	-0.1234
8	-0.5714	59	-0.7014	113	-0.1624
9	-0.5554	60	-0.5454	114	-0.0304
10	-0.5094	61	-0.4194	115	-0.0304
11	-0.4634	62	-0.3094	116	-0.0304
12	-0.4084	63	-0.3184	117	-0.0294
13	-0.4054	64	-0.6674	118	-0.0314
14	-0.4704	65	-0.6034	119	-0.0304
15	-0.4124	66	-1.2194	120	-0.1224
16	-0.6524	67	-1.1464	121	-0.0324
17	-0.6884	68	-1.0624	122	-0.0324
18	-0.6864	69	-0.9654	123	-0.0304
19	-0.6544	70	-0.8314	124	-0.0824
20	-0.6334	71	-0.6854	125	-0.1144
21	-0.6184	72	-0.4964	126	-0.0984
22	-0.5984	73	-0.3954	127	-0.1074
23	-0.5704	74	-0.5574	128	-0.0604
24	-0.5234	75	-1.1064	129	-0.1614
25	-0.4744	76	-1.0554	135	-0.0584
26	-0.4414	77	-1.0024	136	-0.0644
27	-0.4294	78	-0.9164	137	-0.0634
28	-0.4864	79	-0.8374	138	0.0466
29	-0.4244	80	-0.7474	139	0.0416
30	-0.9214	81	-0.6684	140	0.0516
32	-0.6624	82	-0.5814	141	0.0886
33	-0.6274	83	-0.8654	142	0.0736
34	-0.6134	84	-0.8244	143	0.1166
35	-0.5984	85	-0.7714	145	-0.0654
36	-0.5684	86	-0.7074	147	0.0696
37	-0.5234	87	-0.6624	151	-0.0464
38	-0.4834	88	-0.5934	152	-0.1324
39	-0.4514	89	-0.5404	153	-0.2004
40	-0.4474	90	-0.7084	154	-0.2294
41	-0.4864	91	-0.6544	155	0.0646
42	-0.4514	92	-0.6154	156	-0.0274
43	-1.1244	93	-0.5804	157	-0.1154
44	-0.9734	94	-0.5404	158	0.0426
45	-0.7894	95	-0.5214	159	0.0746
46	-0.6494	96	-0.1704	160	0.0686
47	-0.5834	97	-0.6434	161	-0.0284
48	-0.5364	98	0.0856	162	0.1456
49	-0.5024	99	0.0606	163	0.1196
50	-0.4594	100	-0.4164	164	0.0396
51	-0.4034	101	-0.4004	165	-0.0284

ORF	CP	ORF	CP	ORF	CP
166	0.4846	217	0.0116	268	-0.3384
167	0.3026	218	0.0136	269	-0.1104
168	0.2886	219	0.0096	270	-0.1254
169	0.1516	220	0.0086	271	-0.4074
170	0.1676	221	-0.2354	272	-0.4464
171	0.1776	222	-0.3154	273	-0.1664
172	-0.0284	223	-0.4994	274	-0.1484
173	-0.0144	224	-0.5304	275	0.0036
174	-0.1454	225	0.4786	276	0.0276
175	-0.2774	226	0.2866	277	-0.0904
176	-0.2704	227	-1.3864	278	-1.1534
177	-0.2094	228	-1.2814	279	-1.0144
178	-0.1824	229	-1.1724	280	-0.8654
179	-0.0954	230	-0.9314	281	-0.7024
180	-0.2324	231	-0.7854	282	-0.6394
181	0.1146	232	-0.6554	283	-0.6254
182	0.1976	233	-0.3984	284	-0.5574
183	0.1346	234	-0.2014	285	0.0086
184	0.3196	235	-0.5114	286	-0.4134
185	0.3906	236	-0.4374	287	-0.4574
186	0.4316	237	-0.3254	288	-0.2184
187	0.5136	238	-0.2514	289	-0.0044
188	0.5706	239	0.2526	290	-0.0614
189	0.5956	240	0.1376	291	-1.0854
190	-0.2634	241	-1.3984	292	-0.1714
191	-0.2134	242	-1.2644	325	0.0176
192	-0.2284	244	-0.9814	326	0.0236
193	-0.2214	245	-0.7774	327	0.0216
194	-0.2234	246	-0.6044	328	0.0216
195	-0.2184	247	-0.4834	329	0.0216
196	-0.2424	248	-0.2594	330	0.0186
197	-0.2224	249	-0.5114	331	0.0246
198	-0.2224	250	-0.3834	332	0.0236
199	-0.2244	251	-0.2164	333	0.0236
200	-0.2334	252	-0.1434	334	0.0226
201	-0.2244	253	0.1266	335	0.0206
202	-0.2194	254	-0.0204	336	0.0206
203	-0.2164	255	-1.3604	337	0.0186
204	-0.2244	256	-1.2124	338	0.0236
205	0.0306	257	-1.0404	339	0.0216
206	0.0276	258	-0.8124	340	0.0216
207	0.0946	259	-0.6744	341	0.0216
208	0.0676	260	-0.6204	350	-0.0314
210	0.0756	261	-0.5394	351	-0.0314
211	0.4756	262	-0.3634	352	-0.0304
212	0.6786	263	-0.5144	353	-0.0314
213	0.0096	264	-0.2994	354	-0.0314
214	0.0086	265	-0.0924	355	-0.0304
215	0.0066	266	-0.0704		
216	0.0066	267	-0.4624		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1774
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 303.
CONFIGURATION NO. = 12.
ANGLE OF MODEL ROLL(DEG) = 450.0
MACH NUMBER = 0.894
TUNNEL DYNAMIC PRESSURE(PSF) = 683.
TUNNEL STAGNATION PRESSURE(PSF) = 2050.
TUNNEL STATIC PRESSURE(PSF) = 1219.
REYNOLDS NUMBER PER FOOT = 3.9980E 06
MODEL ANGLE OF ATTACK(DEG) = 11.96
FIN ANGLE(DEG) = -0.
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 561.

SCANIVALUE	CP(REF)
147	0.8002
247	0.7992
347	0.7992
447	0.8002
547	0.8002
647	0.8002
747	0.7992

ORF	CP	ORF	CP	ORF	CP
1	-0.3888	52	-0.4388	102	-0.3958
2	-0.6928	53	-0.5428	103	-0.8048
3	-0.6908	54	-0.4208	104	0.0272
4	-0.6178	55	-1.2258	105	-0.6078
5	-0.5958	56	-1.2348	110	-0.1388
6	-0.5888	57	-1.1988	111	-0.1868
7	-0.5948	58	-1.1488	112	-0.1048
8	-0.5768	59	-1.0768	113	-0.1438
9	-0.5848	60	-0.9788	114	0.0082
10	-0.5658	61	-0.8508	115	0.0072
11	-0.5308	62	-0.6698	116	0.0092
12	-0.4888	63	-0.5348	117	0.0092
13	-0.4928	64	-0.5848	118	0.0112
14	-0.5398	65	-0.5008	119	0.0072
15	-0.4728	66	-1.1098	120	-0.0698
16	-0.7758	67	-1.0908	121	0.0092
17	-0.7378	68	-1.0858	122	0.0122
18	-0.6908	69	-1.0818	123	0.0122
19	-0.6808	70	-1.0568	124	-0.0648
20	-0.6678	71	-0.9908	125	-0.0888
21	-0.6508	72	-0.9278	126	-0.0748
22	-0.6388	73	-0.7988	127	-0.0788
23	-0.6258	74	-0.6878	128	-0.0398
24	-0.5968	75	-0.9298	129	-0.1208
25	-0.5588	76	-0.8928	135	-0.0348
26	-0.5258	77	-0.8488	136	-0.0458
27	-0.5118	78	-0.8198	137	-0.0428
28	-0.5548	79	-0.7858	138	0.0762
29	-0.4638	80	-0.7438	139	0.0672
30	-1.1108	81	-0.6918	140	0.0732
32	-0.8138	82	-0.6508	141	0.1062
33	-0.6948	83	-0.8298	142	0.0792
34	-0.6438	84	-0.7978	143	0.1642
35	-0.6278	85	-0.7728	145	-0.0448
36	-0.6128	86	-0.7458	147	0.0782
37	-0.5868	87	-0.6908	151	-0.1168
38	-0.5558	88	-0.6448	152	-0.1688
39	-0.5358	89	-0.6088	153	-0.2168
40	-0.5278	90	-0.7278	154	-0.2358
41	-0.5458	91	-0.6988	155	-0.0438
42	-0.4358	92	-0.6698	156	-0.1338
43	-1.2218	93	-0.6438	157	-0.1858
44	-1.1998	94	-0.6158	158	0.0692
45	-1.1368	95	-0.6168	159	-0.0288
46	-1.0348	96	-0.0068	160	-0.0788
47	-0.8888	97	-0.6088	161	-0.1238
48	-0.7268	98	0.1892	162	0.2062
49	-0.5898	99	0.1592	163	0.1102
50	-0.5228	100	-0.3878	164	0.0652
51	-0.4708	101	-0.4448	165	-0.0698

ORF	CP	ORF	CP	ORF	CP
166	0.3522	217	0.0302	268	-0.2638
167	0.2322	218	0.0302	269	-0.1778
168	0.2082	219	0.0282	270	-0.1158
169	0.0882	220	0.0302	271	-0.4408
170	0.1842	221	-0.2338	272	-0.4038
171	0.1252	222	-0.2978	273	-0.1648
172	-0.0538	223	-0.4788	274	-0.0688
173	-0.0278	224	-0.4528	275	-0.0318
174	-0.1138	225	0.6702	276	-0.0598
175	-0.2358	226	0.4162	277	-0.1968
176	-0.2618	227	-1.3618	278	-1.0448
177	-0.2308	228	-1.2678	279	-0.9418
178	-0.2238	229	-1.1678	280	-0.8138
179	-0.1778	230	-0.9698	281	-0.6348
180	-0.2368	231	-0.8148	282	-0.5708
181	0.1482	232	-0.6758	283	-0.5838
182	0.2302	233	-0.3888	284	-0.5778
183	0.1612	234	-0.1618	285	0.0292
184	0.3612	235	-0.5588	286	-0.4358
185	0.4422	236	-0.4678	287	-0.3998
186	0.5312	237	-0.3058	288	-0.0898
187	0.6002	238	-0.2468	289	0.1292
188	0.6532	239	0.2672	290	-0.1528
189	0.6722	240	0.1362	291	-1.1378
190	-0.2368	241	-1.3778	292	-0.1238
191	-0.2338	242	-1.2408	325	0.0272
192	-0.2328	244	-0.9438	326	0.0292
193	-0.2398	245	-0.6408	327	0.0302
194	-0.2338	246	-0.5708	328	0.0262
195	-0.2338	247	-0.5518	329	0.0262
196	-0.2588	248	-0.2918	330	0.0272
197	-0.2368	249	-0.5298	331	0.0312
198	-0.2418	250	-0.3698	332	0.0312
199	-0.2438	251	-0.2208	333	0.0282
200	-0.2488	252	-0.1528	334	0.0282
201	-0.2368	253	0.0442	335	0.0282
202	-0.2398	254	-0.1018	336	0.0282
203	-0.2368	255	-1.2378	337	0.0282
204	-0.2368	256	-1.0898	338	0.0292
205	0.0072	257	-0.9428	339	0.0292
206	0.0092	258	-0.6748	340	0.0262
207	0.0832	259	-0.5938	341	0.0252
208	-0.1288	260	-0.5958	350	0.0082
210	0.1212	261	-0.5928	351	0.0082
211	0.6272	262	-0.4358	352	0.0092
212	0.8452	263	-0.4968	353	0.0072
213	0.0302	264	-0.2338	354	0.0092
214	0.0312	265	-0.1258	355	0.0102
215	0.0302	266	-0.1618		
216	0.0282	267	-0.4718		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1775

TUNNEL = 11

TEST NO. = 086

TEST PHASE = 2

RUN NUMBER = 303.

CONFIGURATION NO. = 12.

ANGLE OF MODEL ROLL(DEG) = 450.0

MACH NUMBER = 0.902

TUNNEL DYNAMIC PRESSURE(PSF) = 688.

TUNNEL STAGNATION PRESSURE(PSF) = 2048.

TUNNEL STATIC PRESSURE(PSF) = 1208.

REYNOLDS NUMBER PER FOOT = 4.0080E 06

MODEL ANGLE OF ATTACK(DEG) = 0.07

FIN ANGLE(DEG) = -0.

FREE-STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 561.

SCANVALUE	CP(REF)
147	0.8082
247	0.8062
347	0.8072
447	0.8082
547	0.8072
647	0.8072
747	0.8072

ORF	CP	ORF	CP	ORF	CP
1	-0.0768	52	-0.2828	102	-0.2808
2	-0.5508	53	-0.5328	103	-0.5298
3	-0.7048	54	-0.5118	104	0.0092
4	-0.4418	55	-0.0618	105	-0.3648
5	-0.3118	56	-0.0938	110	-0.0738
6	-0.2568	57	-0.1058	111	-0.0988
7	-0.2228	58	-0.1278	112	-0.0488
8	-0.1988	59	-0.1498	113	-0.0698
9	-0.1988	60	-0.1708	114	-0.0118
10	-0.1968	61	-0.2038	115	-0.0078
11	-0.1968	62	-0.2468	116	-0.0088
12	-0.2078	63	-0.3118	117	-0.0118
13	-0.2328	64	-0.7248	118	-0.0088
14	-0.3388	65	-0.7108	119	-0.0088
15	-0.3238	66	-0.0668	120	-0.0788
16	-0.4158	67	-0.0948	121	-0.0108
17	-0.4868	68	-0.1198	122	-0.0098
18	-0.2768	69	-0.1508	123	-0.0108
19	-0.2328	70	-0.1818	124	-0.0158
20	-0.2048	71	-0.2188	125	-0.0488
21	-0.1908	72	-0.2668	126	-0.0268
22	-0.1868	73	-0.3528	127	-0.0408
23	-0.1858	74	-0.7448	128	0.0072
24	-0.1858	75	-0.0698	129	-0.1188
25	-0.1918	76	-0.1118	135	0.0102
26	-0.2098	77	-0.1558	136	0.0022
27	-0.2478	78	-0.1988	137	0.0092
28	-0.3708	79	-0.2528	138	0.1032
29	-0.3528	80	-0.2988	139	0.0962
30	-0.3458	81	-0.4158	140	0.1052
32	-0.1778	82	-0.7378	141	0.1522
33	-0.1708	83	-0.0928	142	0.1462
34	-0.1688	84	-0.1508	143	0.1512
35	-0.1688	85	-0.2258	145	0.0002
36	-0.1668	86	-0.2558	147	0.1462
37	-0.1758	87	-0.2988	151	-0.0638
38	-0.1878	88	-0.3818	152	-0.1558
39	-0.2068	89	-0.7218	153	-0.1598
40	-0.2518	90	-0.2068	154	-0.1918
41	-0.3728	91	-0.2308	155	-0.0988
42	-0.3868	92	-0.2638	156	0.1132
43	-0.1028	93	-0.3008	157	-0.0228
44	-0.1158	94	-0.3638	158	0.1522
45	-0.1288	95	-0.6828	159	0.1932
46	-0.1358	96	-0.6788	160	0.1452
47	-0.1468	97	-0.6698	161	0.0592
48	-0.1558	98	-0.1188	162	0.1472
49	-0.1728	99	-0.1498	163	0.1902
50	-0.1948	100	-0.3908	164	0.0952
51	-0.2298	101	-0.3058	165	0.0332

ORF	CP	ORF	CP	ORF	CP
166	0.1722	217	0.0122	268	-0.2818
167	0.1942	218	0.0132	269	-0.0738
168	0.1782	219	0.0122	270	-0.0018
169	0.0742	220	0.0122	271	-0.2918
170	-0.0988	221	-0.2608	272	-0.3128
171	0.1672	222	-0.2958	273	-0.1808
172	-0.0228	223	-0.4258	274	-0.0888
173	-0.0618	224	-0.4478	275	0.0452
174	-0.0898	225	0.1222	276	0.1782
175	-0.1568	226	-0.0248	277	0.0262
176	-0.2148	227	-1.1168	278	-1.1018
177	-0.1868	228	-0.9318	279	-1.0138
178	-0.2828	229	-0.8208	280	-0.8428
179	-0.3238	230	-0.5618	281	-0.5988
180	-0.1808	231	-0.3588	282	-0.3508
181	0.2982	232	-0.2908	283	-0.2378
182	0.3592	233	-0.2438	284	-0.1898
183	0.2412	234	-0.2258	285	0.0112
184	0.5322	235	-0.3128	286	-0.2928
185	0.6422	236	-0.2778	287	-0.3338
186	0.7502	237	-0.2488	288	-0.2088
187	0.8312	238	-0.2008	289	-0.0938
188	0.8962	239	0.1322	290	0.0072
189	0.9222	240	0.0072	291	-0.7828
190	-0.1988	241	-1.0098	292	-0.1828
191	-0.1758	242	-0.9758	325	0.0102
192	-0.1778	244	-0.6508	326	0.0072
193	-0.1768	245	-0.3828	327	0.0082
194	-0.1728	246	-0.2908	328	0.0102
195	-0.1728	247	-0.2338	329	0.0102
196	-0.1908	248	-0.2178	330	0.0072
197	-0.1728	249	-0.3128	331	0.0082
198	-0.1788	250	-0.2448	332	0.0092
199	-0.1818	251	-0.1758	333	0.0102
200	-0.1778	252	-0.1228	334	0.0122
201	-0.1778	253	0.1872	335	0.0082
202	-0.1728	254	0.0232	336	0.0092
203	-0.1758	255	-1.2538	337	0.0102
204	-0.1708	256	-1.1408	338	0.0072
205	0.0512	257	-1.0418	339	0.0082
206	0.0522	258	-0.7148	340	0.0102
207	0.0792	259	-0.3628	341	0.0102
208	0.0742	260	-0.2508	350	-0.0098
210	0.0452	261	-0.2008	351	-0.0108
211	0.1562	262	-0.1838	352	-0.0128
212	0.1842	263	-0.3548	353	-0.0118
213	0.0122	264	-0.2378	354	-0.0088
214	0.0102	265	-0.0418	355	-0.0118
215	0.0112	266	0.0202		
216	0.0092	267	-0.3368		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1780
 TUNNEL = 11
 TEST NO. = 086
 TEST PHASE = 2
 RUN NUMBER = 304.
 CONFIGURATION NO. = 13.
 ANGLE OF MODEL ROLL(DEG) = 0.
 MACH NUMBER = 1.350
 TUNNEL DYNAMIC PRESSURE(PSF) = 832.
 TUNNEL STAGNATION PRESSURE(PSF) = 1935.
 TUNNEL STATIC PRESSURE(PSF) = 652.
 REYNOLDS NUMBER PER FOOT = 4.0090E 06
 MODEL ANGLE OF ATTACK(DEG) = -12.09
 FIN ANGLE(DEG) = -0.
 FREE-STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 559.

SCANIVALUE	CP(REF)
147	0.3113
247	0.3113
347	0.3113
447	0.3113
547	0.3133
647	0.3133
747	0.3133

ORF	CP	ORF	CP	ORF	CP
1	0.6403	52	0.3483	102	0.0783
2	0.1793	53	0.1543	103	-0.3487
3	-0.2767	54	0.0463	104	0.0183
4	-0.2417	55	0.2013	105	-0.1937
5	-0.1797	56	0.1423	110	-0.1657
6	-0.1227	57	0.0993	111	-0.1747
7	-0.0577	58	0.0573	112	-0.1437
8	0.0343	59	0.1413	113	-0.1747
9	0.2023	60	0.3183	114	0.0223
10	0.2603	61	0.3733	115	0.0243
11	0.2853	62	0.3663	116	0.0263
12	0.3173	63	0.3173	117	0.0193
13	0.3723	64	0.0243	118	0.0233
14	0.2863	65	0.0203	119	0.0253
15	0.1913	66	0.2113	120	-0.2287
16	0.2713	67	0.1673	121	-0.0087
17	0.0413	68	0.1303	122	0.0193
18	-0.1147	69	0.1393	123	0.0183
19	-0.1737	70	0.3583	124	-0.1417
20	-0.1327	71	0.3733	125	-0.1547
21	-0.0647	72	0.3523	126	-0.1347
22	0.0143	73	0.2883	127	-0.1457
23	0.2443	74	-0.0077	128	-0.1237
24	0.2883	75	0.2353	129	-0.2177
25	0.3013	76	0.1953	135	-0.1277
26	0.3373	77	0.1753	136	-0.1247
27	0.3853	78	0.3713	137	-0.1247
28	0.2923	79	0.3623	138	-0.0127
29	0.1443	80	0.3103	139	-0.0087
30	0.1903	81	0.2233	140	-0.0087
32	-0.0267	82	-0.0257	141	0.1203
33	-0.0887	83	0.2373	142	0.1163
34	-0.0907	84	0.2123	143	0.1403
35	-0.0247	85	0.3603	145	-0.1257
36	0.2283	86	0.3233	147	0.1223
37	0.2943	87	0.2953	151	0.3793
38	0.3083	88	0.2413	152	0.1573
39	0.3553	89	-0.0307	153	0.0583
40	0.3753	90	0.2463	154	-0.0927
41	0.2883	91	0.2963	155	0.2393
42	0.1013	92	0.2943	156	0.4633
43	0.1813	93	0.2843	157	0.3523
44	0.1083	94	0.2553	158	0.7633
45	0.0443	95	-0.0227	159	0.5893
46	0.0003	96	-0.2557	160	0.5613
47	-0.0247	97	0.0623	161	0.4793
48	0.2133	98	0.0923	162	0.8123
49	0.3073	99	0.1863	163	0.8043
50	0.3463	100	0.2373	164	-0.0147
51	0.3773	101	0.0393	165	0.4443

ORF	CP	ORF	CP	ORF	CP
166	0.8013	217	0.0233	268	0.0563
167	0.6143	218	0.0223	269	0.4373
168	0.6083	219	0.0223	270	0.4863
169	0.4983	220	0.0233	271	0.0563
170	0.2293	221	-0.0937	272	0.0143
171	0.6013	222	-0.1467	273	0.2873
172	0.3683	223	-0.2817	274	0.3793
173	0.3133	224	-0.2777	275	0.7593
174	0.3033	225	0.9453	276	0.8183
175	0.1563	226	0.7783	277	0.7053
176	-0.0957	227	-0.3907	278	-0.4297
177	0.1413	228	-0.2717	279	-0.3967
178	0.1373	229	-0.1607	280	-0.3467
179	0.1203	230	0.0553	281	-0.2887
180	-0.3257	231	0.0943	282	-0.1887
181	0.2883	232	0.1573	283	-0.0997
182	0.4313	233	0.1293	284	0.2223
183	0.2383	234	0.3413	285	0.0203
184	0.4163	235	0.1733	286	0.0523
185	0.5923	236	0.1253	287	0.0273
186	0.7073	237	-0.0057	288	0.1923
187	0.6873	238	0.0093	289	0.3903
188	0.7213	239	0.6193	290	0.4593
189	0.7153	240	0.5493	291	-0.5447
190	-0.3087	241	-0.3867	292	-0.2757
191	-0.3087	242	-0.2627	325	0.0223
192	-0.3087	244	0.0903	326	0.0223
193	-0.3077	245	0.0723	327	0.0243
194	-0.3077	246	0.0463	328	0.0243
195	-0.3027	247	0.1433	329	0.0233
196	-0.3297	248	0.3513	330	0.0253
197	-0.3117	249	0.1803	331	0.0213
198	-0.3137	250	0.1183	332	0.0233
199	-0.3157	251	0.1603	333	0.0233
200	-0.3077	252	0.2723	334	0.0223
201	-0.3057	253	0.7373	335	0.0243
202	-0.3027	254	0.6533	336	0.0253
203	-0.3067	255	-0.4887	337	0.0213
204	-0.3067	256	-0.4367	338	0.0213
205	0.4383	257	-0.3927	339	0.0233
206	0.4413	258	-0.2977	340	0.0243
207	0.5593	259	-0.1957	341	0.0233
208	0.5583	260	0.0233	350	0.0193
210	0.3223	261	0.1863	351	0.0223
211	1.0563	262	0.4103	352	0.0283
212	1.2653	263	0.0943	353	0.0243
213	0.0223	264	0.0833	354	0.0203
214	0.0183	265	0.3653	355	0.0203
215	0.0183	266	0.4663		
216	0.0263	267	0.1173		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1781
 TUNNEL = 11
 TEST NO. = 086
 TEST PHASE = 2
 RUN NUMBER = 304.
 CONFIGURATION NO. = 13.
 ANGLE OF MODEL ROLL(DEG) = 0.
 MACH NUMBER = 1.357
 TUNNEL DYNAMIC PRESSURE(PSF) = 827.
 TUNNEL STAGNATION PRESSURE(PSF) = 1923.
 TUNNEL STATIC PRESSURE(PSF) = 642.
 REYNOLDS NUMBER PER FOOT = 3.9820E 06
 MODEL ANGLE OF ATTACK(DEG) = -8.14
 FIN ANGLE(DEG) = -0.
 FREE^oSTREAM TOTAL TEMPERATURE(DEG. RANKINE) = 559.

SCANIVALUE	CP(REF)
147	0.3237
247	0.3237
347	0.3237
447	0.3237
547	0.3237
647	0.3237
747	0.2697

ORF	CP	ORF	CP	ORF	CP
1	0.5747	52	0.2247	102	0.0257
2	0.1487	53	0.1147	103	-0.3773
3	-0.2713	54	0.0147	104	0.0427
4	-0.2353	55	0.1687	105	-0.2383
5	-0.1853	56	0.1097	110	-0.1343
6	-0.1383	57	0.0677	111	-0.1343
7	-0.0813	58	0.0237	112	-0.1063
8	0.0127	59	0.0007	113	-0.1223
9	0.1237	60	0.1857	114	0.0497
10	0.1687	61	0.2287	115	0.0467
11	0.1867	62	0.2217	116	0.0487
12	0.1957	63	0.2227	117	0.0487
13	0.2357	64	-0.0003	118	0.0547
14	0.1887	65	-0.0033	119	0.0507
15	0.1227	66	0.1727	120	-0.1753
16	0.2407	67	0.1317	121	0.0407
17	0.0177	68	0.0917	122	0.0477
18	-0.1343	69	0.0607	123	0.0507
19	-0.1863	70	0.1467	124	-0.0893
20	-0.1463	71	0.2267	125	-0.1123
21	-0.0863	72	0.2277	126	-0.0753
22	-0.0153	73	0.2097	127	-0.0993
23	0.1517	74	-0.0173	128	-0.0893
24	0.1987	75	0.1957	129	-0.1733
25	0.2037	76	0.1557	135	-0.0853
26	0.2077	77	0.1147	136	-0.0853
27	0.2347	78	0.1137	137	-0.0893
28	0.2137	79	0.2297	138	0.0097
29	0.0887	80	0.2217	139	0.0077
30	0.1617	81	0.1567	140	0.0087
32	-0.0553	82	-0.0433	141	0.1237
33	-0.1143	83	0.2007	142	0.1207
34	-0.1153	84	0.1617	143	0.1357
35	-0.0523	85	0.1287	145	-0.0863
36	0.1067	86	0.1777	147	0.1217
37	0.2087	87	0.1937	151	0.3087
38	0.2167	88	0.1677	152	0.1307
39	0.2137	89	-0.0583	153	0.0297
40	0.2297	90	0.2077	154	-0.1203
41	0.2237	91	0.1147	155	0.2227
42	0.0477	92	0.1067	156	0.4167
43	0.1497	93	0.1757	157	0.3277
44	0.0777	94	0.1587	158	0.6877
45	0.0137	95	-0.0673	159	0.5437
46	-0.0293	96	-0.2513	160	0.5387
47	-0.0533	97	0.0147	161	0.4617
48	0.0277	98	0.0587	162	0.7007
49	0.2147	99	0.1187	163	0.7407
50	0.2277	100	0.1477	164	0.0137
51	0.2177	101	-0.0103	165	0.4257

ORF	CP	ORF	CP	ORF	CP
166	0.7287	217	0.0477	268	0.0047
167	0.5717	218	0.0457	269	0.3587
168	0.5847	219	0.0457	270	0.4157
169	0.4837	220	0.0477	271	0.0097
170	0.1977	221	0.0447	272	-0.0273
171	0.5467	222	-0.0293	273	0.2067
172	0.3477	223	-0.2853	274	0.2887
173	0.2597	224	-0.2913	275	0.6307
174	0.2637	225	0.7997	276	0.7377
175	0.1167	226	0.6747	277	0.6407
176	-0.1263	227	-0.3773	278	-0.4233
177	0.1167	228	-0.2273	279	-0.3833
178	0.1157	229	-0.0883	280	-0.3253
179	0.1057	230	0.0877	281	-0.2703
180	-0.3123	231	0.0627	282	-0.1893
181	0.4197	232	0.0977	283	-0.1173
182	0.5497	233	0.0727	284	0.1437
183	0.2817	234	0.1997	285	0.0527
184	0.4467	235	0.1007	286	0.0097
185	0.7067	236	0.0827	287	-0.0133
186	0.8057	237	-0.0393	288	0.1017
187	0.8817	238	-0.0273	289	0.3057
188	1.0157	239	0.5187	290	0.3817
189	1.1247	240	0.4687	291	-0.5523
190	-0.3023	241	-0.4023	292	-0.0903
191	-0.3023	242	-0.2723	325	0.0417
192	-0.3003	244	0.0697	326	0.0457
193	-0.2993	245	0.0417	327	0.0447
194	-0.3033	246	0.0227	328	0.0437
195	-0.2963	247	0.0617	329	0.0407
196	-0.3213	248	0.2477	330	0.0407
197	-0.3043	249	0.1027	331	0.0447
198	-0.3093	250	0.0737	332	0.0437
199	-0.3163	251	0.1177	333	0.0417
200	-0.2963	252	0.2137	334	0.0397
201	-0.2973	253	0.6257	335	0.0407
202	-0.2983	254	0.5557	336	0.0447
203	-0.2983	255	-0.4973	337	0.0427
204	-0.2983	256	-0.4383	338	0.0447
205	0.3427	257	-0.3893	339	0.0447
206	0.3437	258	-0.2833	340	0.0447
207	0.4607	259	-0.1693	341	0.0407
208	0.4477	260	0.0087	350	0.0527
210	0.1827	261	0.1097	351	0.0467
211	0.8327	262	0.2777	352	0.0527
212	1.0697	263	0.0387	353	0.0517
213	0.0467	264	0.0327	354	0.0467
214	0.0457	265	0.2877	355	0.0447
215	0.0487	266	0.3907		
216	0.0457	267	0.0587		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1782
 TUNNEL = 11
 TEST NO. = 086
 TEST PHASE = 2
 RUN NUMBER = 304.
 CONFIGURATION NO. = 13.
 ANGLE OF MODEL ROLL(DEG) = 0.
 MACH NUMBER = 1.353
 TUNNEL DYNAMIC PRESSURE(PSF) = 828.
 TUNNEL STAGNATION PRESSURE(PSF) = 1927.
 TUNNEL STATIC PRESSURE(PSF) = 647.
 REYNOLDS NUMBER PER FOOT = 3.9880E 06
 MODEL ANGLE OF ATTACK(DEG) = -4.00
 FIN ANGLE(DEG) = -0.
 FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 560.

SCANIVALUE	CP(REF)
147	0.3176
247	0.3166
347	0.3166
447	0.3176
547	0.3146
647	0.3146
747	0.2396

ORF	CP	ORF	CP	ORF	CP
1	0.4576	52	0.1646	102	-0.0194
2	0.0776	53	0.0656	103	-0.4024
3	-0.2964	54	-0.0214	104	0.0836
4	-0.2624	55	0.1106	105	-0.2754
5	-0.2254	56	0.0526	110	-0.1374
6	-0.1854	57	0.0106	111	-0.1324
7	-0.1464	58	-0.0294	112	-0.1144
8	-0.0554	59	-0.0614	113	-0.1294
9	0.0286	60	-0.0304	114	0.0676
10	0.0746	61	0.1266	115	0.0686
11	0.0986	62	0.1586	116	0.0686
12	0.1216	63	0.1616	117	0.0616
13	0.1616	64	-0.0414	118	0.0646
14	0.1116	65	-0.0324	119	0.0596
15	0.0526	66	0.1156	120	-0.1684
16	0.1646	67	0.0786	121	0.0526
17	-0.0414	68	0.0386	122	0.0676
18	-0.1844	69	0.0086	123	0.0646
19	-0.2334	70	-0.0164	124	-0.0834
20	-0.2024	71	0.0686	125	-0.1034
21	-0.1504	72	0.1576	126	-0.0594
22	-0.0844	73	0.1516	127	-0.0854
23	0.0396	74	-0.0524	128	-0.0744
24	0.0956	75	0.1456	129	-0.1734
25	0.1156	76	0.1016	135	-0.0754
26	0.1326	77	0.0626	136	-0.0764
27	0.1626	78	0.0386	137	-0.0774
28	0.1416	79	0.0336	138	-0.0054
29	0.0266	80	0.1346	139	-0.0054
30	0.0996	81	0.1146	140	-0.0074
32	-0.1104	82	-0.0784	141	0.1106
33	-0.1654	83	0.1496	142	0.1066
34	-0.1774	84	0.1096	143	0.1096
35	-0.1284	85	0.0766	145	-0.0754
36	-0.0194	86	0.0446	147	0.1076
37	0.1006	87	0.0566	151	0.2216
38	0.1276	88	0.1136	152	0.0786
39	0.1426	89	-0.0944	153	-0.0184
40	0.1646	90	0.1576	154	-0.1694
41	0.1606	91	0.0646	155	0.1686
42	-0.0064	92	0.0426	156	0.3906
43	0.0866	93	0.0156	157	0.2726
44	0.0176	94	0.0706	158	0.6056
45	-0.0424	95	-0.1074	159	0.4936
46	-0.0844	96	-0.2704	160	0.4906
47	-0.1134	97	-0.0334	161	0.4136
48	-0.0924	98	0.0056	162	0.5946
49	0.0626	99	0.0686	163	0.6376
50	0.1366	100	0.0336	164	-0.0054
51	0.1486	101	-0.0504	165	0.3816

ORF	CP	ORF	CP	ORF	CP
166	0.6396	217	0.0846	268	-0.0334
167	0.5136	218	0.0866	269	0.2826
168	0.5376	219	0.0816	270	0.3406
169	0.4396	220	0.0856	271	-0.0374
170	0.1656	221	0.0146	272	-0.0674
171	0.4996	222	-0.0594	273	0.1496
172	0.2996	223	-0.2694	274	0.2236
173	0.2016	224	-0.2834	275	0.5006
174	0.1986	225	0.4696	276	0.5916
175	0.0506	226	0.4076	277	0.5096
176	-0.1824	227	-0.3074	278	-0.4454
177	0.0846	228	-0.1394	279	-0.4064
178	0.0416	229	-0.0444	280	-0.3474
179	0.0296	230	0.0546	281	-0.2904
180	-0.3044	231	0.0536	282	-0.2254
181	0.3876	232	0.0396	283	-0.1684
182	0.5126	233	0.0246	284	0.0476
183	0.3426	234	0.1266	285	0.0846
184	0.6316	235	0.0146	286	-0.0374
185	0.7736	236	0.0086	287	-0.0634
186	0.8496	237	-0.1044	288	0.0606
187	0.9476	238	-0.0904	289	0.2376
188	1.0886	239	0.3896	290	0.3006
189	1.1636	240	0.3446	291	-0.4254
190	-0.2944	241	-0.4884	292	0.0436
191	-0.2984	242	-0.4014	325	0.0876
192	-0.2954	244	-0.0434	326	0.0876
193	-0.2954	245	-0.0154	327	0.0886
194	-0.2964	246	-0.0084	328	0.0856
195	-0.2934	247	0.0126	329	0.0886
196	-0.3024	248	0.1606	330	0.0886
197	-0.2964	249	0.0206	331	0.0876
198	-0.3004	250	0.0146	332	0.0856
199	-0.3024	251	0.0586	333	0.0836
200	-0.2984	252	0.1376	334	0.0886
201	-0.2934	253	0.4736	335	0.0866
202	-0.2894	254	0.4056	336	0.0876
203	-0.2904	255	-0.5304	337	0.0876
204	-0.2944	256	-0.4774	338	0.0876
205	0.2136	257	-0.4354	339	0.0876
206	0.2156	258	-0.3304	340	0.0856
207	0.3126	259	-0.1924	341	0.0906
208	0.2436	260	-0.0564	350	0.0656
210	0.1616	261	0.0306	351	0.0626
211	0.4116	262	0.1936	352	0.0676
212	0.5396	263	-0.0294	353	0.0686
213	0.0816	264	-0.0094	354	0.0696
214	0.0856	265	0.2266	355	0.0666
215	0.0866	266	0.3096		
216	0.0876	267	-0.0084		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1783

TUNNEL = 11

TEST NO. = 086

TEST PHASE = 2

RUN NUMBER = 304.

CONFIGURATION NO. = 13.

ANGLE OF MODEL ROLL(DEG) = 0.

MACH NUMBER = 1.353

TUNNEL DYNAMIC PRESSURE(PSF) = 830.

TUNNEL STAGNATION PRESSURE(PSF) = 1930.

TUNNEL STATIC PRESSURE(PSF) = 648.

REYNOLDS NUMBER PER FOOT = 3.9990E 06

MODEL ANGLE OF ATTACK(DEG) = 0.07

FIN ANGLE(DEG) = -0.

FREE STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 559.

SCANVALUE	CP(REF)
147	0.3153
247	0.3143
347	0.3143
447	0.3153
547	0.3153
647	0.3153
747	0.3003

ORF	CP	ORF	CP	ORF	CP
1	0.3023	52	0.0853	102	-0.0857
2	-0.0177	53	-0.0017	103	-0.4237
3	-0.3357	54	-0.1017	104	0.0913
4	-0.2987	55	0.0373	105	-0.3177
5	-0.2707	56	-0.0217	110	-0.1037
6	-0.2377	57	-0.0567	111	-0.0947
7	-0.1637	58	-0.0917	112	-0.0847
8	-0.0527	59	-0.1187	113	-0.1027
9	-0.0097	60	-0.0557	114	0.0823
10	0.0053	61	0.0563	115	0.0813
11	0.0233	62	0.0843	116	0.0803
12	0.0483	63	0.0983	117	0.0783
13	0.0703	64	-0.0957	118	0.0843
14	0.0243	65	-0.0997	119	0.0853
15	-0.0317	66	0.0503	120	-0.1357
16	0.0613	67	0.0103	121	0.0733
17	-0.1197	68	-0.0247	122	0.0843
18	-0.2427	69	-0.0557	123	0.0883
19	-0.2867	70	-0.0697	124	-0.0657
20	-0.2597	71	0.0063	125	-0.0797
21	-0.1977	72	0.0993	126	-0.0437
22	-0.0707	73	0.1103	127	-0.0637
23	0.0123	74	-0.0997	128	-0.0457
24	0.0223	75	0.0943	129	-0.1497
25	0.0353	76	0.0513	135	-0.0477
26	0.0563	77	0.0123	136	-0.0457
27	0.0763	78	-0.0017	137	-0.0447
28	0.0453	79	-0.0047	138	0.0113
29	-0.0647	80	0.0783	139	0.0103
30	0.0093	81	0.0613	140	0.0073
32	-0.1767	82	-0.1077	141	0.1333
33	-0.2317	83	0.1133	142	0.1313
34	-0.2297	84	0.0723	143	0.1273
35	-0.1487	85	0.0383	145	-0.0467
36	-0.0057	86	0.0153	147	0.1313
37	0.0443	87	0.0123	151	0.0923
38	0.0513	88	0.0533	152	-0.0217
39	0.0683	89	-0.1317	153	-0.0997
40	0.0973	90	0.1173	154	-0.2517
41	0.0793	91	0.0363	155	0.0843
42	-0.1037	92	0.0023	156	0.3063
43	0.0053	93	-0.0127	157	0.1793
44	-0.0577	94	0.0133	158	0.4773
45	-0.1127	95	-0.1447	159	0.3813
46	-0.1537	96	-0.3097	160	0.3823
47	-0.1737	97	-0.1047	161	0.3163
48	-0.0967	98	-0.0567	162	0.4413
49	0.0153	99	0.0313	163	0.4993
50	0.0693	100	0.0023	164	0.0103
51	0.0773	101	-0.1117	165	0.2803

ORF	CP	ORF	CP	ORF	CP
166	0.5063	217	0.0933	268	-0.0767
167	0.3943	218	0.0923	269	0.1783
168	0.4133	219	0.0883	270	0.2353
169	0.3403	220	0.0883	271	-0.0997
170	0.0883	221	-0.0147	272	-0.1167
171	0.3763	222	-0.0697	273	0.0533
172	0.2013	223	-0.2657	274	0.1223
173	0.1193	224	-0.2747	275	0.3853
174	0.0603	225	0.2643	276	0.4373
175	-0.0697	226	0.2043	277	0.3653
176	-0.2527	227	-0.4327	278	-0.4737
177	-0.0067	228	-0.2597	279	-0.4457
178	-0.0737	229	-0.1857	280	-0.3887
179	-0.0917	230	-0.0857	281	-0.3277
180	-0.3027	231	-0.0567	282	-0.2727
181	0.5063	232	-0.0487	283	-0.2047
182	0.6243	233	-0.0287	284	0.0013
183	0.4953	234	0.0253	285	0.0873
184	0.8283	235	-0.0577	286	-0.0987
185	0.8913	236	-0.0647	287	-0.1227
186	0.9163	237	-0.1607	288	-0.0037
187	0.9583	238	-0.1407	289	0.1363
188	1.0593	239	0.2913	290	0.2003
189	1.0993	240	0.2223	291	-0.3317
190	-0.2947	241	-0.5427	292	0.0973
191	-0.2977	242	-0.4737	325	0.0943
192	-0.2947	244	-0.1707	326	0.0933
193	-0.2947	245	-0.0857	327	0.0893
194	-0.2977	246	-0.0667	328	0.0873
195	-0.2937	247	-0.0387	329	0.0893
196	-0.3007	248	0.0613	330	0.0893
197	-0.2967	249	-0.0567	331	0.0913
198	-0.2967	250	-0.0457	332	0.0893
199	-0.2967	251	-0.0137	333	0.0863
200	-0.2967	252	0.0473	334	0.0893
201	-0.2947	253	0.3313	335	0.0883
202	-0.2917	254	0.2583	336	0.0883
203	-0.2947	255	-0.5637	337	0.0943
204	-0.2957	256	-0.5217	338	0.0933
205	0.2083	257	-0.4907	339	0.0903
206	0.2073	258	-0.4037	340	0.0873
207	0.2573	259	-0.2197	341	0.0893
208	0.2313	260	-0.0767	350	0.0873
210	0.1823	261	-0.0257	351	0.0823
211	0.2993	262	0.0943	352	0.0843
212	0.3503	263	-0.1247	353	0.0803
213	0.0983	264	-0.0517	354	0.0813
214	0.0903	265	0.1343	355	0.0833
215	0.0903	266	0.2133		
216	0.0923	267	-0.1007		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1784
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 304.
CONFIGURATION NO. = 13.
ANGLE OF MODEL ROLL(DEG) = 0.
MACH NUMBER = 1.351
TUNNEL DYNAMIC PRESSURE(PSF) = 830.
TUNNEL STAGNATION PRESSURE(PSF) = 1930.
TUNNEL STATIC PRESSURE(PSF) = 650.
REYNOLDS NUMBER PER FOOT = 4.0060E 06
MODEL ANGLE OF ATTACK(DEG) = 3.98
FIN ANGLE(DEG) = -0.
FREE*STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 559.

SCANIVALUE	CP(REF)
147	0.3129
247	0.3129
347	0.3129
447	0.3129
547	0.3129
647	0.3129
747	0.1419

ORF	CP	ORF	CP	ORF	CP
1	0.2299	52	0.0199	102	-0.1441
2	-0.0751	53	-0.0811	103	-0.4781
3	-0.3631	54	-0.1811	104	0.1089
4	-0.3211	55	-0.0311	105	-0.3701
5	-0.2781	56	-0.0761	110	-0.1101
6	-0.2101	57	-0.1021	111	-0.1011
7	-0.1151	58	-0.0841	112	-0.0951
8	-0.0571	59	-0.0521	113	-0.1181
9	-0.0501	60	-0.0011	114	0.0969
10	-0.0441	61	0.0049	115	0.1019
11	-0.0311	62	0.0069	116	0.0989
12	-0.0151	63	0.0209	117	0.1009
13	0.0079	64	-0.1721	118	0.1019
14	-0.0461	65	-0.1761	119	0.0999
15	-0.0941	66	-0.0111	120	-0.1541
16	-0.0021	67	-0.0441	121	0.0889
17	-0.1681	68	-0.0551	122	0.0989
18	-0.2701	69	-0.0271	123	0.1019
19	-0.2851	70	-0.0031	124	-0.0741
20	-0.2191	71	0.0139	125	-0.0961
21	-0.1231	72	0.0179	126	-0.0551
22	-0.0561	73	0.0069	127	-0.0741
23	-0.0331	74	-0.1831	128	-0.0661
24	-0.0331	75	0.0139	129	-0.1651
25	-0.0331	76	-0.0101	135	-0.0681
26	-0.0161	77	-0.0161	136	-0.0691
27	0.0059	78	-0.0001	137	-0.0681
28	-0.0261	79	0.0139	138	-0.0071
29	-0.1351	80	0.0159	139	-0.0051
30	-0.0571	81	-0.0151	140	-0.0081
32	-0.2121	82	-0.1981	141	0.1299
33	-0.2351	83	0.0219	142	0.1259
34	-0.1651	84	0.0079	143	0.1219
35	-0.0741	85	0.0019	145	-0.0681
36	-0.0201	86	0.0149	147	0.1269
37	-0.0231	87	-0.0061	151	0.0329
38	-0.0221	88	-0.0251	152	-0.0841
39	-0.0121	89	-0.2061	153	-0.1561
40	0.0119	90	0.0359	154	-0.2881
41	-0.0081	91	-0.0241	155	-0.0061
42	-0.1681	92	-0.0261	156	0.1819
43	-0.0561	93	-0.0251	157	0.0599
44	-0.1081	94	-0.0321	158	0.3659
45	-0.1511	95	-0.2231	159	0.2569
46	-0.1601	96	-0.3391	160	0.2409
47	-0.0921	97	-0.1761	161	0.1779
48	-0.0261	98	-0.0821	162	0.3269
49	-0.0071	99	0.0029	163	0.3489
50	-0.0121	100	-0.0481	164	-0.0091
51	-0.0011	101	-0.1681	165	0.1439

ORF	CP	ORF	CP	ORF	CP
166	0.4009	217	0.1119	268	-0.1441
167	0.2689	218	0.1109	269	0.1019
168	0.2779	219	0.1099	270	0.1509
169	0.2029	220	0.1119	271	-0.1571
170	0.0039	221	-0.0331	272	-0.1781
171	0.2429	222	-0.0711	273	-0.0021
172	0.0829	223	-0.2911	274	0.0589
173	0.0439	224	-0.3001	275	0.3459
174	-0.0031	225	0.1679	276	0.3729
175	-0.1211	226	0.1039	277	0.2909
176	-0.2941	227	-0.5411	278	-0.4971
177	-0.0811	228	-0.4921	279	-0.4761
178	-0.1401	229	-0.3971	280	-0.4231
179	-0.1521	230	-0.2751	281	-0.3541
180	-0.2951	231	-0.2151	282	-0.2771
181	0.2999	232	-0.1911	283	-0.1731
182	0.4559	233	-0.1371	284	-0.0481
183	0.4589	234	-0.0711	285	0.1099
184	0.6759	235	-0.1311	286	-0.1581
185	0.7519	236	-0.1541	287	-0.1881
186	0.8569	237	-0.2291	288	-0.0561
187	0.9929	238	-0.2021	289	0.0709
188	1.0949	239	0.2719	290	0.1189
189	1.2239	240	0.2099	291	-0.0291
190	-0.2941	241	-0.5511	292	0.1899
191	-0.3051	242	-0.4901	325	0.1109
192	-0.2961	244	-0.2551	326	0.1129
193	-0.2951	245	-0.1721	327	0.1099
194	-0.2971	246	-0.1501	328	0.1079
195	-0.2991	247	-0.0881	329	0.1129
196	-0.3091	248	0.0079	330	0.1089
197	-0.2971	249	-0.1151	331	0.1119
198	-0.2981	250	-0.1111	332	0.1099
199	-0.3051	251	-0.0761	333	0.1079
200	-0.3011	252	-0.0151	334	0.1129
201	-0.2971	253	0.3039	335	0.1069
202	-0.2931	254	0.2259	336	0.1099
203	-0.2961	255	-0.5771	337	0.1119
204	-0.2971	256	-0.5341	338	0.1139
205	0.2059	257	-0.5041	339	0.1109
206	0.2059	258	-0.4101	340	0.1099
207	0.2549	259	-0.2221	341	0.1129
208	0.2229	260	-0.1191	350	0.0959
210	0.1559	261	-0.0681	351	0.0959
211	0.3209	262	0.0359	352	0.0969
212	0.3819	263	-0.1691	353	0.1009
213	0.1089	264	-0.1191	354	0.1019
214	0.1119	265	0.0639	355	0.1009
215	0.1129	266	0.1309		
216	0.1129	267	-0.1601		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1785
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 304.
CONFIGURATION NO. = 13.
ANGLE OF MODEL ROLL(DEG) = 0.
MACH NUMBER = 1.347
TUNNEL DYNAMIC PRESSURE(PSF) = 830.
TUNNEL STAGNATION PRESSURE(PSF) = 1930.
TUNNEL STATIC PRESSURE(PSF) = 653.
REYNOLDS NUMBER PER FOOT = 3.9990E 06
MODEL ANGLE OF ATTACK(DEG) = 7.95
FIN ANGLE(DEG) = -0.
FREE-STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 560.

SCANIVALUE	CP(REF)
147	0.3093
247	0.3083
347	0.3093
447	0.3093
547	0.3103
647	0.3093
747	0.2333

ORF	CP	ORF	CP	ORF	CP
1	0.3103	52	-0.1507	102	-0.2137
2	-0.0307	53	-0.2097	103	-0.4507
3	-0.3777	54	-0.2957	104	0.1353
4	-0.3657	55	-0.0417	105	-0.4157
5	-0.3357	56	-0.0977	110	-0.1087
6	-0.3107	57	-0.1337	111	-0.0987
7	-0.2607	58	-0.1697	112	-0.0957
8	-0.2077	59	-0.1987	113	-0.1227
9	-0.1877	60	-0.2127	114	0.1313
10	-0.1587	61	-0.2177	115	0.1323
11	-0.1487	62	-0.1877	116	0.1333
12	-0.1457	63	-0.1667	117	0.1333
13	-0.1507	64	-0.2987	118	0.1313
14	-0.1847	65	-0.3017	119	0.1313
15	-0.1577	66	-0.0447	120	-0.1807
16	0.0343	67	-0.0847	121	0.1123
17	-0.1497	68	-0.1167	122	0.1283
18	-0.2717	69	-0.1477	123	0.1313
19	-0.3277	70	-0.1717	124	-0.0267
20	-0.3217	71	-0.1867	125	-0.1157
21	-0.2887	72	-0.1947	126	-0.0897
22	-0.2437	73	-0.1907	127	-0.1107
23	-0.1947	74	-0.3187	128	-0.0957
24	-0.1617	75	-0.0347	129	-0.1957
25	-0.1487	76	-0.0727	135	-0.0947
26	-0.1477	77	-0.1057	136	-0.0967
27	-0.1487	78	-0.1287	137	-0.0977
28	-0.1707	79	-0.1487	138	-0.0227
29	-0.2207	80	-0.1657	139	-0.0227
30	-0.0377	81	-0.1787	140	-0.0287
32	-0.2177	82	-0.3307	141	0.1353
33	-0.2707	83	-0.0377	142	0.1273
34	-0.2957	84	-0.0657	143	0.1203
35	-0.2857	85	-0.0937	145	-0.0937
36	-0.2297	86	-0.1157	147	0.1293
37	-0.1887	87	-0.1487	151	-0.0137
38	-0.1567	88	-0.1767	152	-0.1027
39	-0.1467	89	-0.3277	153	-0.1737
40	-0.1457	90	-0.0347	154	-0.2967
41	-0.1577	91	-0.0957	155	-0.0437
42	-0.2797	92	-0.1307	156	0.1653
43	-0.0547	93	-0.1527	157	0.0643
44	-0.1187	94	-0.1697	158	0.4583
45	-0.1717	95	-0.3267	159	0.2013
46	-0.2107	96	-0.3667	160	0.2323
47	-0.2377	97	-0.2987	161	0.1973
48	-0.2457	98	-0.1347	162	0.2943
49	-0.2227	99	-0.0997	163	0.3843
50	-0.1977	100	-0.1737	164	-0.0287
51	-0.1627	101	-0.2307	165	0.1543

ORF	CP	ORF	CP	ORF	CP
166	0.4903	217	0.1303	268	-0.2367
167	0.2113	218	0.1363	269	0.0553
168	0.2723	219	0.1343	270	0.1153
169	0.2103	220	0.1373	271	-0.2247
170	-0.0297	221	-0.0467	272	-0.2467
171	0.2423	222	-0.1057	273	-0.0737
172	0.0733	223	-0.3407	274	-0.0417
173	0.0103	224	-0.3387	275	0.4333
174	-0.0127	225	0.0743	276	0.4513
175	-0.1247	226	0.0333	277	0.3633
176	-0.3057	227	-0.6327	278	-0.4937
177	-0.1347	228	-0.5987	279	-0.4777
178	-0.1567	229	-0.5577	280	-0.4397
179	-0.1397	230	-0.4977	281	-0.3897
180	-0.2877	231	-0.3147	282	-0.3387
181	0.1813	232	-0.2407	283	-0.2927
182	0.3583	233	-0.2047	284	-0.1677
183	0.5703	234	-0.1467	285	0.1363
184	0.7703	235	-0.2297	286	-0.2267
185	0.8003	236	-0.2397	287	-0.2467
186	0.8383	237	-0.3047	288	-0.1587
187	0.8943	238	-0.2557	289	-0.0207
188	0.9823	239	0.3043	290	0.0743
189	1.0693	240	0.2353	291	-0.0757
190	-0.3057	241	-0.5707	292	0.2763
191	-0.3067	242	-0.5077	325	0.1343
192	-0.3017	244	-0.3717	326	0.1303
193	-0.2987	245	-0.3127	327	0.1323
194	-0.3007	246	-0.2487	328	0.1343
195	-0.3087	247	-0.1947	329	0.1363
196	-0.3237	248	-0.0487	330	0.1373
197	-0.3017	249	-0.2297	331	0.1303
198	-0.3007	250	-0.1767	332	0.1323
199	-0.3027	251	-0.1437	333	0.1333
200	-0.3117	252	-0.0547	334	0.1343
201	-0.3037	253	0.3613	335	0.1373
202	-0.2997	254	0.2873	336	0.1413
203	-0.3007	255	-0.5717	337	0.1303
204	-0.2997	256	-0.5437	338	0.1303
205	0.2133	257	-0.5247	339	0.1313
206	0.2163	258	-0.4757	340	0.1353
207	0.2663	259	-0.3737	341	0.1353
208	0.2073	260	-0.2447	350	0.1263
210	0.2123	261	-0.1877	351	0.1303
211	0.3913	262	-0.1387	352	0.1303
212	0.4633	263	-0.2137	353	0.1313
213	0.1363	264	-0.2307	354	0.1233
214	0.1313	265	0.0093	355	0.1263
215	0.1293	266	0.0913		
216	0.1343	267	-0.1977		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1786
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 304.
CONFIGURATION NO. = 13.
ANGLE OF MODEL ROLL(DEG) = 0.
MACH NUMBER = 1.345
TUNNEL DYNAMIC PRESSURE(PSF) = 829.
TUNNEL STAGNATION PRESSURE(PSF) = 1930.
TUNNEL STATIC PRESSURE(PSF) = 655.
REYNOLDS NUMBER PER FOOT = 4.0050E 06
MODEL ANGLE OF ATTACK(DEG) = 11.91
FIN ANGLE(DEG) = -0.
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 559.

SCANIVALUE	CP(REF)
147	0.3069
247	0.3059
347	0.3059
447	0.3059
547	0.3059
647	0.3059
747	0.2469

ORF	CP	ORF	CP	ORF	CP
1	0.4189	52	-0.3491	102	-0.2911
2	0.0379	53	-0.3741	103	-0.4351
3	-0.3771	54	-0.4461	104	0.1449
4	-0.3841	55	-0.0611	105	-0.3781
5	-0.3631	56	-0.1211	110	-0.1071
6	-0.3521	57	-0.1641	111	-0.0951
7	-0.3401	58	-0.2041	112	-0.0991
8	-0.3051	59	-0.2381	113	-0.1321
9	-0.3231	60	-0.2651	114	0.1249
10	-0.3101	61	-0.2881	115	0.1249
11	-0.3051	62	-0.3051	116	0.1259
12	-0.3041	63	-0.3191	117	0.1239
13	-0.2831	64	-0.4351	118	0.1259
14	-0.3581	65	-0.4461	119	0.1299
15	-0.3631	66	-0.0641	120	-0.2341
16	0.0869	67	-0.1081	121	0.1129
17	-0.1171	68	-0.1431	122	0.1289
18	-0.2601	69	-0.1741	123	0.1309
19	-0.3361	70	-0.2041	124	-0.1111
20	-0.3511	71	-0.2231	125	-0.1771
21	-0.3501	72	-0.2411	126	-0.1441
22	-0.3461	73	-0.2621	127	-0.1641
23	-0.3381	74	-0.4041	128	-0.1531
24	-0.3271	75	-0.0561	129	-0.2581
25	-0.3191	76	-0.0921	135	-0.1481
26	-0.3181	77	-0.1171	136	-0.1471
27	-0.3131	78	-0.1451	137	-0.1501
28	-0.3211	79	-0.1661	138	-0.0231
29	-0.4221	80	-0.1851	139	-0.0241
30	-0.0081	81	-0.2071	140	-0.0301
32	-0.2161	82	-0.3591	141	0.1229
33	-0.2801	83	-0.0451	142	0.1219
34	-0.3241	84	-0.0771	143	0.1029
35	-0.3461	85	-0.1001	145	-0.1511
36	-0.3521	86	-0.1211	147	0.1079
37	-0.3481	87	-0.1521	151	0.0379
38	-0.3401	88	-0.1871	152	-0.1121
39	-0.3311	89	-0.3451	153	-0.1771
40	-0.3291	90	-0.0361	154	-0.2971
41	-0.3251	91	-0.0921	155	-0.0401
42	-0.4291	92	-0.1311	156	0.1559
43	-0.0531	93	-0.1561	157	0.0869
44	-0.1281	94	-0.1731	158	0.3499
45	-0.1901	95	-0.3311	159	0.2269
46	-0.2341	96	-0.3631	160	0.2269
47	-0.2741	97	-0.4131	161	0.2049
48	-0.3041	98	-0.1681	162	0.1329
49	-0.3291	99	-0.1181	163	0.3159
50	-0.3451	100	-0.1791	164	-0.0321
51	-0.3551	101	-0.3061	165	0.1759

ORF	CP	ORF	CP	ORF	CP
166	0.4259	217	0.1369	268	-0.3061
167	0.2009	218	0.1359	269	-0.0421
168	0.2679	219	0.1269	270	0.0169
169	0.2249	220	0.1329	271	-0.3001
170	-0.0631	221	-0.0371	272	-0.3111
171	0.2559	222	-0.1331	273	-0.2131
172	0.1199	223	-0.3871	274	-0.1251
173	0.0239	224	-0.3841	275	0.4899
174	-0.0121	225	0.0889	276	0.5669
175	-0.1101	226	0.0769	277	0.4769
176	-0.3011	227	-0.6201	278	-0.4781
177	-0.1781	228	-0.5831	279	-0.4691
178	-0.1481	229	-0.5181	280	-0.4401
179	-0.1371	230	-0.4221	281	-0.4091
180	-0.3031	231	-0.2831	282	-0.3651
181	0.1119	232	-0.2491	283	-0.3481
182	0.3249	233	-0.2181	284	-0.3071
183	0.4269	234	-0.1471	285	0.1339
184	0.6089	235	-0.2201	286	-0.3041
185	0.6889	236	-0.2411	287	-0.3241
186	0.7869	237	-0.3251	288	-0.2641
187	0.9469	238	-0.3021	289	-0.1591
188	1.1059	239	0.2289	290	0.0389
189	1.2129	240	0.1929	291	-0.1181
190	-0.3151	241	-0.5591	292	0.4129
191	-0.3201	242	-0.5011	325	0.1359
192	-0.3091	244	-0.4561	326	0.1409
193	-0.3091	245	-0.4591	327	0.1419
194	-0.3091	246	-0.4501	328	0.1309
195	-0.3191	247	-0.3481	329	0.1319
196	-0.3281	248	-0.1671	330	0.1339
197	-0.3091	249	-0.1851	331	0.1419
198	-0.3111	250	-0.2421	332	0.1419
199	-0.3121	251	-0.2021	333	0.1299
200	-0.3181	252	-0.0731	334	0.1299
201	-0.3101	253	0.4769	335	0.1339
202	-0.3081	254	0.4049	336	0.1379
203	-0.3091	255	-0.5511	337	0.1329
204	-0.3101	256	-0.5351	338	0.1399
205	0.1779	257	-0.5221	339	0.1429
206	0.1739	258	-0.5011	340	0.1319
207	0.2339	259	-0.4621	341	0.1329
208	0.1719	260	-0.3841	350	0.1349
210	0.1809	261	-0.3291	351	0.1339
211	0.3089	262	-0.3321	352	0.1339
212	0.3789	263	-0.3891	353	0.1299
213	0.1399	264	-0.2141	354	0.1279
214	0.1359	265	0.0359	355	0.1269
215	0.1319	266	0.0639		
216	0.1379	267	-0.3641		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1787

TUNNEL = 11

TEST NO. = 086

TEST PHASE = 2

RUN NUMBER = 304.

CONFIGURATION NO. = 13.

ANGLE OF MODEL ROLL(DEG) = 0.

MACH NUMBER = 1.352

TUNNEL DYNAMIC PRESSURE(PSF) = 829.

TUNNEL STAGNATION PRESSURE(PSF) = 1928.

TUNNEL STATIC PRESSURE(PSF) = 648.

REYNOLDS NUMBER PER FOOT = 4.0030E 06

MODEL ANGLE OF ATTACK(DEG) = 0.10

FIN ANGLE(DEG) = -0.

FREE^oSTREAM TOTAL TEMPERATURE(DEG. RANKINE) = 558.

SCANIVALUE	CP(REF)
147	0.3163
247	0.3143
347	0.3153
447	0.3163
547	0.3143
647	0.3133
747	0.0793

DRF	CP	DRF	CP	DRF	CP
1	0.3063	52	0.1163	102	-0.0637
2	-0.0167	53	0.0123	103	-0.4437
3	-0.3367	54	-0.0907	104	0.1043
4	-0.3047	55	0.0423	105	-0.3217
5	-0.2707	56	-0.0167	110	-0.1577
6	-0.2357	57	-0.0527	111	-0.1467
7	-0.1707	58	-0.0957	112	-0.1357
8	-0.0637	59	-0.1147	113	-0.1547
9	-0.0037	60	-0.0337	114	0.0733
10	0.0153	61	0.0633	115	0.0733
11	0.0413	62	0.0933	116	0.0733
12	0.0633	63	0.1413	117	0.0723
13	0.0793	64	-0.0727	118	0.0723
14	0.0233	65	-0.0827	119	0.0723
15	-0.0227	66	0.0493	120	-0.1947
16	0.0643	67	0.0183	121	0.0573
17	-0.1177	68	-0.0237	122	0.0713
18	-0.2427	69	-0.0417	123	0.0693
19	-0.2787	70	-0.0427	124	-0.0367
20	-0.2507	71	0.0503	125	-0.1277
21	-0.1927	72	0.1243	126	-0.0857
22	-0.0617	73	0.1303	127	-0.1097
23	0.0263	74	-0.0807	128	-0.0887
24	0.0283	75	0.1023	129	-0.2097
25	0.0523	76	0.0623	135	-0.0907
26	0.0723	77	0.0313	136	-0.0917
27	0.0963	78	0.0083	137	-0.0887
28	0.0353	79	0.0193	138	-0.0257
29	-0.0637	80	0.1033	139	-0.0287
30	0.0093	81	0.0913	140	-0.0307
32	-0.1797	82	-0.1287	141	0.1123
33	-0.2247	83	0.1133	142	0.1153
34	-0.2357	84	0.0723	143	0.1073
35	-0.1527	85	0.0383	145	-0.0887
36	-0.0077	86	0.0183	147	0.1093
37	0.0503	87	0.0213	151	0.1023
38	0.0703	88	0.0683	152	-0.0127
39	0.0783	89	-0.1327	153	-0.0967
40	0.1013	90	0.1233	154	-0.2537
41	0.0803	91	0.0313	155	0.0873
42	-0.0987	92	0.0053	156	0.3103
43	0.0113	93	-0.0057	157	0.1693
44	-0.0547	94	0.0463	158	0.4693
45	-0.1087	95	-0.1517	159	0.3963
46	-0.1517	96	-0.3087	160	0.3883
47	-0.1727	97	-0.1037	161	0.3253
48	-0.1017	98	-0.0507	162	0.4503
49	0.0103	99	0.0393	163	0.4993
50	0.0663	100	0.0283	164	-0.0287
51	0.0903	101	-0.0887	165	0.2803

ORF	CP	ORF	CP	ORF	CP
166	0.5133	217	0.1043	268	-0.0687
167	0.4013	218	0.1023	269	0.1813
168	0.4183	219	0.1043	270	0.2493
169	0.3413	220	0.1033	271	-0.0887
170	0.0973	221	-0.0177	272	-0.1017
171	0.3773	222	-0.0677	273	0.0603
172	0.2013	223	-0.2577	274	0.1313
173	0.1283	224	-0.2647	275	0.3903
174	0.0703	225	0.2673	276	0.4353
175	-0.0737	226	0.2073	277	0.3643
176	-0.2497	227	-0.3817	278	-0.4737
177	-0.0047	228	-0.3177	279	-0.4477
178	-0.0677	229	-0.2177	280	-0.3887
179	-0.0807	230	-0.0847	281	-0.3277
180	-0.2987	231	-0.0527	282	-0.2677
181	0.5123	232	-0.0457	283	-0.2177
182	0.6493	233	-0.0237	284	0.0013
183	0.5043	234	0.0333	285	0.1063
184	0.8313	235	-0.0467	286	-0.0887
185	0.8993	236	-0.0607	287	-0.1217
186	0.9323	237	-0.1557	288	0.0093
187	0.9513	238	-0.1367	289	0.1433
188	1.0193	239	0.2833	290	0.2123
189	1.1143	240	0.2243	291	-0.3217
190	-0.2907	241	-0.5307	292	0.1013
191	-0.2977	242	-0.4737	325	0.1073
192	-0.2917	244	-0.1737	326	0.1093
193	-0.2917	245	-0.0927	327	0.1123
194	-0.2927	246	-0.0667	328	0.1103
195	-0.2897	247	-0.0297	329	0.1053
196	-0.2967	248	0.0643	330	0.1013
197	-0.2917	249	-0.0447	331	0.1083
198	-0.2947	250	-0.0417	332	0.1113
199	-0.2947	251	-0.0067	333	0.1093
200	-0.2937	252	0.0503	334	0.1033
201	-0.2917	253	0.3383	335	0.0993
202	-0.2867	254	0.2683	336	0.1083
203	-0.2897	255	-0.5667	337	0.1063
204	-0.2907	256	-0.5207	338	0.1093
205	0.1883	257	-0.4927	339	0.1113
206	0.1813	258	-0.3917	340	0.1103
207	0.2573	259	-0.2207	341	0.1033
208	0.2193	260	-0.0747	350	0.0773
210	0.1863	261	-0.0147	351	0.0733
211	0.2953	262	0.1003	352	0.0713
212	0.3123	263	-0.1147	353	0.0713
213	0.1093	264	-0.0447	354	0.0703
214	0.1093	265	0.1403	355	0.0673
215	0.1053	266	0.2143		
216	0.1063	267	-0.0937		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1788
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 305.
CONFIGURATION NO. = 13.
ANGLE OF MODEL ROLL(DEG) = 0.
MACH NUMBER = 1.196
TUNNEL DYNAMIC PRESSURE(PSF) = 792.
TUNNEL STAGNATION PRESSURE(PSF) = 1909.
TUNNEL STATIC PRESSURE(PSF) = 791.
REYNOLDS NUMBER PER FOOT = 3.9920E 06
MODEL ANGLE OF ATTACK(DEG) = -12.08
FIN ANGLE(DEG) = -0.
FREE-STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 559.

SCANIVALUE	CP(REF)
147	0.1493
247	0.1483
347	0.1493
447	0.1493
547	0.1493
647	0.1493
747	0.1463

ORF	CP	ORF	CP	ORF	CP
1	0.5353	52	0.2643	102	-0.0097
2	0.0383	53	0.0373	103	-0.4657
3	-0.4367	54	-0.1007	104	0.0123
4	-0.3727	55	0.0963	105	-0.2867
5	-0.2897	56	0.0393	110	-0.1787
6	-0.2107	57	0.3013	111	-0.2057
7	-0.0827	58	0.3843	112	-0.1547
8	0.1483	59	0.3783	113	-0.1797
9	0.2593	60	0.3593	114	0.0063
10	0.3203	61	0.3223	115	0.0053
11	0.3463	62	0.2873	116	0.0053
12	0.3543	63	0.2243	117	0.0023
13	0.3453	64	-0.1257	118	0.0043
14	0.2113	65	-0.1327	119	0.0063
15	0.0943	66	0.1213	120	-0.2737
16	0.1503	67	0.3863	121	0.0003
17	-0.0897	68	0.3723	122	0.0043
18	-0.2527	69	0.3593	123	0.0053
19	-0.2987	70	0.3363	124	-0.0447
20	-0.2207	71	0.3073	125	-0.1517
21	-0.1097	72	0.2593	126	-0.1077
22	0.2333	73	0.1803	127	-0.1357
23	0.3283	74	-0.1527	128	-0.1147
24	0.3543	75	0.4043	129	-0.2517
25	0.3673	76	0.3893	135	-0.1177
26	0.3633	77	0.3523	136	-0.1157
27	0.3313	78	0.3173	137	-0.1157
28	0.1923	79	0.2753	138	0.0393
29	0.0283	80	0.2253	139	0.0413
30	0.0743	81	0.1223	140	0.0443
32	-0.1537	82	-0.1607	141	0.2063
33	-0.2097	83	0.4003	142	0.2083
34	-0.1217	84	0.3513	143	0.2073
35	0.2813	85	0.3063	145	-0.1177
36	0.3453	86	0.2663	147	0.2113
37	0.3763	87	0.2263	151	0.2913
38	0.3703	88	0.1563	152	0.0403
39	0.3583	89	-0.1627	153	-0.0687
40	0.3123	90	0.3083	154	-0.2347
41	0.1933	91	0.2953	155	0.1523
42	-0.0197	92	0.2613	156	0.4203
43	0.0733	93	0.2253	157	0.2113
44	-0.0027	94	0.1713	158	0.6823
45	-0.0687	95	-0.1517	159	0.5303
46	-0.0017	96	-0.4077	160	0.4693
47	0.3463	97	-0.0807	161	0.3633
48	0.3693	98	0.1983	162	0.7343
49	0.3693	99	0.3563	163	0.6903
50	0.3563	100	0.1473	164	0.0373
51	0.3193	101	-0.0517	165	0.3223

ORF	CP	ORF	CP	ORF	CP
166	0.7293	217	0.0093	268	-0.0137
167	0.5453	218	0.0113	269	0.3673
168	0.5133	219	0.0123	270	0.4203
169	0.3853	220	0.0123	271	-0.0317
170	0.1313	221	0.0133	272	-0.0747
171	0.5003	222	-0.0867	273	0.2703
172	0.2333	223	-0.3267	274	0.3843
173	0.2353	224	-0.3297	275	0.8033
174	0.1863	225	0.9563	276	0.7433
175	0.0203	226	0.7693	277	0.6073
176	-0.2777	227	-0.6087	278	-0.6167
177	0.0593	228	-0.4867	279	-0.5827
178	-0.0347	229	-0.3627	280	-0.5227
179	-0.0857	230	-0.1757	281	-0.4347
180	-0.3537	231	-0.0317	282	-0.3017
181	0.2743	232	0.0513	283	-0.1617
182	0.4183	233	0.2713	284	0.2873
183	0.1823	234	0.3653	285	0.0123
184	0.3093	235	0.0933	286	-0.0347
185	0.4803	236	0.0033	287	-0.0687
186	0.6323	237	-0.1107	288	0.2093
187	0.6473	238	-0.0887	289	0.3993
188	0.6863	239	0.6973	290	0.4013
189	0.7303	240	0.5973	291	-0.7467
190	-0.3367	241	-0.6677	292	-0.1497
191	-0.3337	242	-0.5627	325	0.0113
192	-0.3357	244	-0.2257	326	0.0133
193	-0.3347	245	-0.1117	327	0.0133
194	-0.3377	246	-0.0667	328	0.0123
195	-0.3307	247	0.2933	329	0.0113
196	-0.3677	248	0.3643	330	0.0113
197	-0.3377	249	0.1063	331	0.0113
198	-0.3407	250	0.0093	332	0.0113
199	-0.3487	251	0.0803	333	0.0113
200	-0.3337	252	0.1943	334	0.0093
201	-0.3297	253	0.7043	335	0.0093
202	-0.3317	254	0.5823	336	0.0143
203	-0.3337	255	-0.6857	337	0.0123
204	-0.3347	256	-0.6317	338	0.0123
205	0.5003	257	-0.5857	339	0.0123
206	0.5013	258	-0.4837	340	0.0123
207	0.6413	259	-0.3347	341	0.0113
208	0.6613	260	-0.0967	350	0.0073
210	0.5373	261	0.3013	351	0.0083
211	0.9423	262	0.4033	352	0.0083
212	1.1423	263	0.0193	353	0.0083
213	0.0113	264	0.0083	354	0.0083
214	0.0123	265	0.3093	355	0.0083
215	0.0123	266	0.4063		
216	0.0093	267	0.0303		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1789
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 305.
CONFIGURATION NO. = 13.
ANGLE OF MODEL ROLL(DEG) = 0.
MACH NUMBER = 1.197
TUNNEL DYNAMIC PRESSURE(PSF) = 791.
TUNNEL STAGNATION PRESSURE(PSF) = 1906.
TUNNEL STATIC PRESSURE(PSF) = 789.
REYNOLDS NUMBER PER FOOT = 3.9750E 06
MODEL ANGLE OF ATTACK(DEG) = -8.12
FIN ANGLE(DEG) = -0.
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 560.

SCANIVALUE	CP(REF)
147	0.1515
247	0.1515
347	0.1515
447	0.1515
547	0.1505
647	0.1505
747	0.0765

ORF	CP	ORF	CP	ORF	CP
1	0.4605	52	0.2445	102	-0.0445
2	0.0035	53	0.0275	103	-0.5085
3	-0.4255	54	-0.1085	104	0.0505
4	-0.3465	55	0.0595	105	-0.3315
5	-0.2875	56	0.0055	110	-0.1505
6	-0.2225	57	-0.0335	111	-0.1715
7	-0.1275	58	0.1755	112	-0.1095
8	0.0285	59	0.3255	113	-0.1115
9	0.1175	60	0.3345	114	0.0445
10	0.1795	61	0.3135	115	0.0435
11	0.2495	62	0.2745	116	0.0435
12	0.2775	63	0.2105	117	0.0425
13	0.2755	64	-0.1245	118	0.0395
14	0.1495	65	-0.1365	119	0.0405
15	0.0475	66	0.0825	120	-0.2175
16	0.1085	67	0.0535	121	0.0395
17	-0.1195	68	0.3285	122	0.0465
18	-0.2755	69	0.3415	123	0.0465
19	-0.2985	70	0.3215	124	-0.0275
20	-0.2185	71	0.2925	125	-0.1065
21	-0.1425	72	0.2445	126	-0.0575
22	-0.0195	73	0.1675	127	-0.0925
23	0.1505	74	-0.1555	128	-0.0555
24	0.2395	75	0.3495	129	-0.2175
25	0.2815	76	0.3515	135	-0.0605
26	0.2995	77	0.3275	136	-0.0625
27	0.2775	78	0.2965	137	-0.0525
28	0.1555	79	0.2515	138	0.0365
29	-0.0045	80	0.2085	139	0.0375
30	0.0385	81	0.1075	140	0.0325
32	-0.1855	82	-0.1695	141	0.1975
33	-0.2315	83	0.3595	142	0.1895
34	-0.1785	84	0.3235	143	0.1995
35	-0.0225	85	0.2665	145	-0.0595
36	0.1915	86	0.2395	147	0.1875
37	0.2805	87	0.2005	151	0.2345
38	0.2995	88	0.1325	152	0.0145
39	0.3085	89	-0.1805	153	-0.0895
40	0.2785	90	0.2705	154	-0.2915
41	0.1695	91	0.2635	155	0.1595
42	-0.0515	92	0.2275	156	0.3795
43	0.0315	93	0.1935	157	0.1705
44	-0.0425	94	0.1415	158	0.6435
45	-0.1065	95	-0.1755	159	0.5055
46	-0.1335	96	-0.3995	160	0.4415
47	-0.0155	97	-0.0905	161	0.3305
48	0.2335	98	-0.0465	162	0.6505
49	0.3305	99	0.3375	163	0.6125
50	0.3225	100	0.1205	164	0.0195
51	0.2965	101	-0.0875	165	0.2815

ORF	CP	ORF	CP	ORF	CP
166	0.6775	217	0.0475	268	-0.0455
167	0.5265	218	0.0515	269	0.3205
168	0.4845	219	0.0495	270	0.3785
169	0.3585	220	0.0495	271	-0.0695
170	0.1505	221	0.0955	272	-0.0995
171	0.4635	222	-0.0335	273	0.2725
172	0.2025	223	-0.3075	274	0.3795
173	0.2185	224	-0.3225	275	0.6775
174	0.1555	225	0.7475	276	0.6635
175	-0.0185	226	0.5865	277	0.5365
176	-0.3145	227	-0.6405	278	-0.6135
177	0.0435	228	-0.5355	279	-0.5725
178	-0.1005	229	-0.4085	280	-0.5015
179	-0.1385	230	-0.1845	281	-0.4035
180	-0.3425	231	-0.0965	282	-0.2965
181	0.3415	232	-0.0055	283	-0.1905
182	0.5025	233	0.0885	284	0.1625
183	0.3045	234	0.2635	285	0.0515
184	0.5665	235	0.0585	286	-0.0785
185	0.8185	236	-0.0165	287	-0.1005
186	0.9785	237	-0.1395	288	0.2265
187	1.1135	238	-0.1205	289	0.3745
188	1.2025	239	0.5845	290	0.3605
189	1.2665	240	0.4995	291	-0.7235
190	-0.3295	241	-0.6715	292	-0.0495
191	-0.3255	242	-0.5665	325	0.0515
192	-0.3295	244	-0.2325	326	0.0505
193	-0.3295	245	-0.1475	327	0.0485
194	-0.3325	246	-0.1255	328	0.0485
195	-0.3235	247	0.1265	329	0.0495
196	-0.3605	248	0.2795	330	0.0495
197	-0.3345	249	0.0785	331	0.0505
198	-0.3415	250	-0.0065	332	0.0475
199	-0.3475	251	0.0485	333	0.0475
200	-0.3285	252	0.1495	334	0.0485
201	-0.3265	253	0.6125	335	0.0495
202	-0.3285	254	0.4995	336	0.0515
203	-0.3265	255	-0.6945	337	0.0515
204	-0.3295	256	-0.6315	338	0.0505
205	0.4115	257	-0.5795	339	0.0485
206	0.4115	258	-0.4625	340	0.0485
207	0.5125	259	-0.3025	341	0.0485
208	0.5075	260	-0.1295	350	0.0395
210	0.3355	261	0.1745	351	0.0375
211	0.8395	262	0.3145	352	0.0405
212	1.0765	263	0.0115	353	0.0405
213	0.0485	264	-0.0125	354	0.0415
214	0.0485	265	0.2765	355	0.0405
215	0.0465	266	0.3705		
216	0.0445	267	0.0075		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1790
 TUNNEL = 11
 TEST NO. = 086
 TEST PHASE = 2
 RUN NUMBER = 305.
 CONFIGURATION NO. = 13.
 ANGLE OF MODEL ROLL(DEG) = 0.
 MACH NUMBER = 1.200
 TUNNEL DYNAMIC PRESSURE(PSF) = 794.
 TUNNEL STAGNATION PRESSURE(PSF) = 1911.
 TUNNEL STATIC PRESSURE(PSF) = 788.
 REYNOLDS NUMBER PER FOOT = 3.9860E 06
 MODEL ANGLE OF ATTACK(DEG) = -3.99
 FIN ANGLE(DEG) = -0.
 FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 560.

SCANIVALUE	CP(REF)
147	0.1536
247	0.1526
347	0.1526
447	0.1536
547	0.1506
647	0.1506
747	0.1146

ORF	CP	ORF	CP	ORF	CP
1	0.3816	52	0.2026	102	-0.1014
2	-0.0334	53	0.0016	103	-0.5514
3	-0.4144	54	-0.1424	104	0.0686
4	-0.3304	55	0.0396	105	-0.3904
5	-0.2644	56	-0.0174	110	-0.1804
6	-0.2074	57	-0.0544	111	-0.1924
7	-0.0864	58	0.1186	112	-0.1514
8	0.0186	59	0.2406	113	-0.1574
9	0.0906	60	0.2686	114	0.0506
10	0.1436	61	0.2656	115	0.0506
11	0.1786	62	0.2376	116	0.0496
12	0.1996	63	0.1816	117	0.0496
13	0.2046	64	-0.1424	118	0.0526
14	0.0936	65	-0.1494	119	0.0496
15	-0.0044	66	0.0546	120	-0.2254
16	0.0736	67	0.0246	121	0.0386
17	-0.1414	68	0.2146	122	0.0516
18	-0.2814	69	0.2746	123	0.0536
19	-0.2804	70	0.2706	124	-0.0244
20	-0.2014	71	0.2536	125	-0.1244
21	-0.0714	72	0.2156	126	-0.0714
22	0.0646	73	0.1406	127	-0.1064
23	0.1106	74	-0.1744	128	-0.0514
24	0.1726	75	0.1116	129	-0.2324
25	0.2026	76	0.2936	135	-0.0584
26	0.2156	77	0.2836	136	-0.0574
27	0.2106	78	0.2656	137	-0.0494
28	0.1026	79	0.2236	138	0.0176
29	-0.0524	80	0.1746	139	0.0156
30	0.0116	81	0.0776	140	0.0226
32	-0.1954	82	-0.1884	141	0.2246
33	-0.2184	83	0.2856	142	0.2156
34	-0.1364	84	0.2876	143	0.2196
35	0.0536	85	0.2406	145	-0.0634
36	0.1506	86	0.2056	147	0.2076
37	0.1996	87	0.1666	151	0.1666
38	0.2326	88	0.1046	152	-0.0314
39	0.2406	89	-0.1954	153	-0.1344
40	0.2176	90	0.2466	154	-0.3424
41	0.1336	91	0.2076	155	0.1406
42	-0.1064	92	0.1826	156	0.3176
43	0.0076	93	0.1556	157	0.1186
44	-0.0604	94	0.1086	158	0.5666
45	-0.1244	95	-0.1954	159	0.4426
46	-0.1374	96	-0.3954	160	0.3866
47	0.0696	97	-0.1264	161	0.2756
48	0.1806	98	-0.0554	162	0.5586
49	0.2426	99	0.2946	163	0.5216
50	0.2586	100	0.0876	164	0.0036
51	0.2436	101	-0.1374	165	0.2156

ORF	CP	ORF	CP	ORF	CP
166	0.6236	217	0.0696	268	-0.0884
167	0.4476	218	0.0686	269	0.2686
168	0.4206	219	0.0696	270	0.3346
169	0.3006	220	0.0686	271	-0.1144
170	0.1616	221	0.0116	272	-0.1524
171	0.3806	222	-0.0824	273	0.2546
172	0.1446	223	-0.3184	274	0.3386
173	0.1596	224	-0.3254	275	0.5366
174	0.0746	225	0.6246	276	0.5646
175	-0.0964	226	0.4696	277	0.4506
176	-0.3514	227	-0.6754	278	-0.6134
177	-0.0104	228	-0.5964	279	-0.5724
178	-0.1574	229	-0.4994	280	-0.4894
179	-0.1744	230	-0.2864	281	-0.3824
180	-0.3374	231	-0.1034	282	-0.2784
181	0.3516	232	0.0156	283	-0.1564
182	0.4906	233	0.1166	284	0.1046
183	0.3596	234	0.1776	285	0.0666
184	0.6076	235	0.0076	286	-0.1284
185	0.7046	236	-0.0534	287	-0.1514
186	0.7846	237	-0.1724	288	0.2036
187	0.8816	238	-0.1564	289	0.3326
188	0.9906	239	0.4516	290	0.2966
189	1.0646	240	0.3666	291	-0.6114
190	-0.3264	241	-0.6894	292	-0.0064
191	-0.3214	242	-0.5914	325	0.0696
192	-0.3234	244	-0.1844	326	0.0696
193	-0.3284	245	-0.1434	327	0.0706
194	-0.3294	246	-0.1084	328	0.0726
195	-0.3224	247	0.0986	329	0.0726
196	-0.3374	248	0.1976	330	0.0726
197	-0.3264	249	0.0266	331	0.0686
198	-0.3334	250	-0.0484	332	0.0696
199	-0.3404	251	-0.0014	333	0.0716
200	-0.3254	252	0.0886	334	0.0716
201	-0.3244	253	0.5006	335	0.0726
202	-0.3264	254	0.3996	336	0.0706
203	-0.3254	255	-0.7034	337	0.0696
204	-0.3244	256	-0.6384	338	0.0686
205	0.3676	257	-0.5824	339	0.0706
206	0.3676	258	-0.4464	340	0.0726
207	0.4526	259	-0.2354	341	0.0716
208	0.4146	260	-0.0644	350	0.0506
210	0.2336	261	0.1146	351	0.0506
211	0.6266	262	0.2396	352	0.0516
212	0.8286	263	-0.0354	353	0.0516
213	0.0706	264	-0.0574	354	0.0526
214	0.0686	265	0.2326	355	0.0526
215	0.0696	266	0.3196		
216	0.0696	267	-0.0414		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1791
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 305.
CONFIGURATION NO. = 13.
ANGLE OF MODEL ROLL(DEG) = 0.
MACH NUMBER = 1.200
TUNNEL DYNAMIC PRESSURE(PSF) = 797.
TUNNEL STAGNATION PRESSURE(PSF) = 1917.
TUNNEL STATIC PRESSURE(PSF) = 790.
REYNOLDS NUMBER PER FOOT = 3.9990E 06
MODEL ANGLE OF ATTACK(DEG) = 0.06
FIN ANGLE(DEG) = -0.
FREE^oSTREAM TOTAL TEMPERATURE(DEG. RANKINE) = 560.

SCANIVALUE	CP(REF)
147	0.1498
247	0.1498
347	0.1498
447	0.1508
547	0.1508
647	0.1508
747	0.1458

ORF	CP	ORF	CP	ORF	CP
1	0.2658	52	0.1028	102	-0.1602
2	-0.0992	53	-0.0622	103	-0.5882
3	-0.4232	54	-0.2092	104	0.1028
4	-0.3472	55	-0.0242	105	-0.4442
5	-0.2302	56	-0.0642	110	-0.1312
6	-0.0902	57	0.0428	111	-0.1322
7	-0.0022	58	0.1048	112	-0.1072
8	0.0308	59	0.1148	113	-0.1152
9	0.0398	60	0.1288	114	0.1008
10	0.0568	61	0.1358	115	0.1028
11	0.0728	62	0.1368	116	0.1008
12	0.0858	63	0.1048	117	0.1018
13	0.0818	64	-0.1852	118	0.1028
14	-0.0172	65	-0.1972	119	0.1028
15	-0.1022	66	0.0038	120	-0.1522
16	-0.0052	67	0.0628	121	0.0958
17	-0.1972	68	0.1428	122	0.1008
18	-0.3182	69	0.1488	123	0.1018
19	-0.2982	70	0.1538	124	0.0058
20	-0.0592	71	0.1558	125	-0.0712
21	0.0218	72	0.1488	126	-0.0322
22	0.0498	73	0.0948	127	-0.0532
23	0.0568	74	-0.2062	128	-0.0222
24	0.0728	75	0.1198	129	-0.1712
25	0.0828	76	0.1798	135	-0.0242
26	0.0928	77	0.1558	136	-0.0232
27	0.0848	78	0.1668	137	-0.0192
28	-0.0052	79	0.1648	138	0.0568
29	-0.1502	80	0.1188	139	0.0638
30	-0.0632	81	0.0278	140	0.0538
32	-0.2442	82	-0.2222	141	0.2148
33	-0.1452	83	0.1718	142	0.2108
34	0.0288	84	0.1748	143	0.2138
35	0.0608	85	0.1828	145	-0.0262
36	0.0758	86	0.1338	147	0.2088
37	0.0798	87	0.1038	151	0.0488
38	0.0908	88	0.0498	152	-0.1222
39	0.1078	89	-0.2222	153	-0.2172
40	0.0948	90	0.1898	154	-0.4012
41	0.0278	91	0.1278	155	0.0498
42	-0.2032	92	0.1128	156	0.2058
43	-0.0552	93	0.0848	157	0.0308
44	-0.1192	94	0.0448	158	0.4718
45	-0.1082	95	-0.2292	159	0.3338
46	0.0318	96	-0.4112	160	0.2888
47	0.0968	97	-0.2142	161	0.1848
48	0.1128	98	0.1158	162	0.4358
49	0.1078	99	0.1568	163	0.4048
50	0.1178	100	0.0328	164	0.0318
51	0.1188	101	-0.1902	165	0.1368

ORF	CP	ORF	CP	ORF	CP
166	0.4968	217	0.1028	268	-0.1462
167	0.3338	218	0.1028	269	0.1768
168	0.3138	219	0.1028	270	0.2328
169	0.2078	220	0.1028	271	-0.1782
170	0.0868	221	-0.0382	272	-0.2012
171	0.2418	222	-0.1192	273	0.1238
172	0.0518	223	-0.3102	274	0.2048
173	0.0588	224	-0.3232	275	0.3508
174	-0.0422	225	0.3118	276	0.4448
175	-0.2192	226	0.2508	277	0.3328
176	-0.3972	227	-0.6322	278	-0.6232
177	-0.1132	228	-0.5682	279	-0.5822
178	-0.2322	229	-0.4252	280	-0.4902
179	-0.2502	230	-0.2252	281	-0.3842
180	-0.3402	231	-0.0552	282	-0.2662
181	0.4198	232	-0.0002	283	-0.0542
182	0.5638	233	0.0288	284	0.0528
183	0.5268	234	0.0618	285	0.1018
184	0.7818	235	-0.0882	286	-0.1822
185	0.8428	236	-0.1232	287	-0.2162
186	0.8618	237	-0.2232	288	0.0788
187	0.9078	238	-0.2052	289	0.2118
188	0.9858	239	0.3108	290	0.1938
189	1.0258	240	0.2358	291	-0.4632
190	-0.3312	241	-0.6702	292	0.1078
191	-0.3382	242	-0.5912	325	0.1018
192	-0.3332	244	-0.2252	326	0.1038
193	-0.3362	245	-0.1222	327	0.1018
194	-0.3332	246	-0.0522	328	0.1018
195	-0.3302	247	0.0208	329	0.1028
196	-0.3372	248	0.0738	330	0.1028
197	-0.3352	249	-0.0702	331	0.1018
198	-0.3372	250	-0.1062	332	0.1028
199	-0.3352	251	-0.0722	333	0.1028
200	-0.3332	252	-0.0052	334	0.1018
201	-0.3322	253	0.3508	335	0.1028
202	-0.3252	254	0.2548	336	0.1028
203	-0.3282	255	-0.7282	337	0.1028
204	-0.3262	256	-0.6672	338	0.1038
205	0.2518	257	-0.6112	339	0.1018
206	0.2448	258	-0.4682	340	0.1028
207	0.2958	259	-0.1042	341	0.1038
208	0.2568	260	-0.0312	350	0.1028
210	0.1918	261	0.0378	351	0.1018
211	0.3088	262	0.1138	352	0.1008
212	0.3418	263	-0.1232	353	0.1018
213	0.1028	264	-0.1142	354	0.1018
214	0.1028	265	0.1358	355	0.1008
215	0.1018	266	0.2108		
216	0.1048	267	-0.1432		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1792
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 305.
CONFIGURATION NO. = 13.
ANGLE OF MODEL ROLL(DEG) = 0.
MACH NUMBER = 1.199
TUNNEL DYNAMIC PRESSURE(PSF) = 796.
TUNNEL STAGNATION PRESSURE(PSF) = 1916.
TUNNEL STATIC PRESSURE(PSF) = 791.
REYNOLDS NUMBER PER FOOT = 3.9910E 06
MODEL ANGLE OF ATTACK(DEG) = 4.01
FIN ANGLE(DEG) = -0.
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 561.

SCANIVALUE	CP(REF)
147	0.1483
247	0.1483
347	0.1473
447	0.1483
547	0.1493
647	0.1493
747	0.1293

ORF	CP	ORF	CP	ORF	CP
1	0.1593	52	-0.0347	102	-0.2157
2	-0.1837	53	-0.1797	103	-0.5877
3	-0.4537	54	-0.3037	104	0.1343
4	-0.3977	55	-0.0987	105	-0.4547
5	-0.2887	56	-0.0887	110	-0.1357
6	-0.1727	57	-0.0247	111	-0.1307
7	-0.1097	58	-0.0077	112	-0.1177
8	-0.0837	59	-0.0057	113	-0.1357
9	-0.0747	60	0.0053	114	0.1293
10	-0.0677	61	-0.0077	115	0.1313
11	-0.0557	62	-0.0027	116	0.1323
12	-0.0417	63	-0.0237	117	0.1293
13	-0.0477	64	-0.2807	118	0.1293
14	-0.1247	65	-0.2877	119	0.1313
15	-0.1887	66	-0.0377	120	-0.1517
16	-0.1007	67	0.0053	121	0.1193
17	-0.2677	68	0.0123	122	0.1313
18	-0.3637	69	0.0043	123	0.1303
19	-0.2797	70	0.0153	124	0.0023
20	-0.1337	71	0.0223	125	-0.0647
21	-0.0777	72	0.0093	126	-0.0137
22	-0.0647	73	-0.0327	127	-0.0457
23	-0.0607	74	-0.2777	128	-0.0367
24	-0.0557	75	0.0323	129	-0.1737
25	-0.0417	76	0.0333	135	-0.0387
26	-0.0367	77	0.0193	136	-0.0397
27	-0.0377	78	0.0323	137	-0.0377
28	-0.1187	79	0.0323	138	0.0463
29	-0.2357	80	0.0033	139	0.0513
30	-0.1557	81	-0.0737	140	0.0563
32	-0.2777	82	-0.2947	141	0.2183
33	-0.1667	83	0.0673	142	0.2193
34	-0.0757	84	0.0523	143	0.2193
35	-0.0517	85	0.0433	145	-0.0407
36	-0.0467	86	0.0073	147	0.2163
37	-0.0477	87	-0.0107	151	-0.0357
38	-0.0337	88	-0.0557	152	-0.1957
39	-0.0277	89	-0.3027	153	-0.2657
40	-0.0337	90	0.0633	154	-0.3697
41	-0.0977	91	0.0003	155	-0.0787
42	-0.2837	92	-0.0097	156	0.0963
43	-0.1537	93	-0.0217	157	-0.0527
44	-0.1807	94	-0.0527	158	0.3143
45	-0.1217	95	-0.3037	159	0.2023
46	-0.0567	96	-0.4467	160	0.1623
47	-0.0397	97	-0.3007	161	0.0823
48	-0.0267	98	-0.0417	162	0.2753
49	-0.0267	99	0.0173	163	0.2743
50	-0.0237	100	-0.0687	164	0.0433
51	-0.0147	101	-0.2367	165	0.0333

ORF	CP	ORF	CP	ORF	CP
166	0.3323	217	0.1273	268	-0.2167
167	0.2133	218	0.1283	269	0.0523
168	0.1983	219	0.1343	270	0.1083
169	0.0993	220	0.1343	271	-0.2287
170	-0.0627	221	-0.0737	272	-0.2487
171	0.1443	222	-0.1517	273	-0.0447
172	-0.0387	223	-0.3617	274	0.0383
173	-0.0287	224	-0.3567	275	0.2553
174	-0.1077	225	0.1193	276	0.3373
175	-0.2317	226	0.0313	277	0.2313
176	-0.4007	227	-0.7467	278	-0.6527
177	-0.1777	228	-0.6967	279	-0.6117
178	-0.2727	229	-0.6027	280	-0.5197
179	-0.3007	230	-0.4657	281	-0.4317
180	-0.3107	231	-0.3427	282	-0.3057
181	0.2313	232	-0.3097	283	-0.1467
182	0.4023	233	-0.2057	284	-0.0647
183	0.4503	234	-0.1217	285	0.1313
184	0.6523	235	-0.1907	286	-0.2307
185	0.7283	236	-0.2207	287	-0.2647
186	0.8243	237	-0.3027	288	-0.0727
187	0.9363	238	-0.2767	289	0.0543
188	1.0303	239	0.2733	290	0.0733
189	1.0903	240	0.1973	291	-0.5067
190	-0.3357	241	-0.7357	292	0.2293
191	-0.3387	242	-0.6647	325	0.1313
192	-0.3367	244	-0.4167	326	0.1303
193	-0.3307	245	-0.2397	327	0.1313
194	-0.3307	246	-0.1897	328	0.1283
195	-0.3327	247	-0.1167	329	0.1313
196	-0.3337	248	-0.0477	330	0.1293
197	-0.3287	249	-0.1707	331	0.1313
198	-0.3327	250	-0.1767	332	0.1323
199	-0.3307	251	-0.1547	333	0.1293
200	-0.3417	252	-0.0907	334	0.1313
201	-0.3317	253	0.2863	335	0.1303
202	-0.3277	254	0.1833	336	0.1303
203	-0.3267	255	-0.7497	337	0.1313
204	-0.3337	256	-0.6917	338	0.1293
205	0.2283	257	-0.6417	339	0.1313
206	0.2283	258	-0.5107	340	0.1303
207	0.2693	259	-0.2357	341	0.1313
208	0.2463	260	-0.1397	350	0.1313
210	0.1993	261	-0.0807	351	0.1303
211	0.3583	262	-0.0097	352	0.1313
212	0.4033	263	-0.2307	353	0.1303
213	0.1283	264	-0.1757	354	0.1293
214	0.1313	265	0.0253	355	0.1323
215	0.1313	266	0.0843		
216	0.1313	267	-0.2347		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1793
 TUNNEL = 11
 TEST NO. = 086
 TEST PHASE = 2
 RUN NUMBER = 305.
 CONFIGURATION NO. = 13.
 ANGLE OF MODEL ROLL(DEG) = 0.
 MACH NUMBER = 1.196
 TUNNEL DYNAMIC PRESSURE(PSF) = 796.
 TUNNEL STAGNATION PRESSURE(PSF) = 1918.
 TUNNEL STATIC PRESSURE(PSF) = 795.
 REYNOLDS NUMBER PER FOOT = 3.9930E 06
 MODEL ANGLE OF ATTACK(DEG) = 7.96
 FIN ANGLE(DEG) = -0.
 FREE^oSTREAM TOTAL TEMPERATURE(DEG. RANKINE) = 561.

SCANIVALUE	CP(REF)
147	0.1433
247	0.1433
347	0.1433
447	0.1443
547	0.1423
647	0.1423
747	0.1413

ORF	CP	ORF	CP	ORF	CP
1	0.2003	52	-0.0407	102	-0.2677
2	-0.1637	53	-0.1787	103	-0.6427
3	-0.4657	54	-0.3007	104	0.1343
4	-0.4487	55	-0.1487	105	-0.5187
5	-0.4327	56	-0.1847	110	-0.1387
6	-0.3867	57	-0.2227	111	-0.1327
7	-0.3417	58	-0.2487	112	-0.1217
8	-0.2697	59	-0.2287	113	-0.1527
9	-0.2407	60	-0.1427	114	0.1323
10	-0.2017	61	-0.0907	115	0.1343
11	-0.1437	62	-0.0537	116	0.1353
12	-0.1097	63	-0.0427	117	0.1353
13	-0.0837	64	-0.2787	118	0.1333
14	-0.1287	65	-0.2927	119	0.1343
15	-0.1957	66	-0.1237	120	-0.1717
16	-0.0857	67	-0.1667	121	0.1243
17	-0.2717	68	-0.1917	122	0.1323
18	-0.3937	69	-0.1927	123	0.1353
19	-0.4167	70	-0.1597	124	-0.0337
20	-0.3847	71	-0.1057	125	-0.1087
21	-0.3497	72	-0.0507	126	-0.0787
22	-0.2877	73	-0.0547	127	-0.0967
23	-0.2047	74	-0.2877	128	-0.0687
24	-0.1707	75	-0.0957	129	-0.2047
25	-0.1077	76	-0.1357	135	-0.0647
26	-0.0757	77	-0.1647	136	-0.0657
27	-0.0637	78	-0.1497	137	-0.0687
28	-0.1177	79	-0.1187	138	0.0233
29	-0.2357	80	-0.0427	139	0.0233
30	-0.1557	81	-0.0947	140	0.0283
32	-0.3407	82	-0.2987	141	0.2093
33	-0.3847	83	-0.0977	142	0.2003
34	-0.3807	84	-0.1277	143	0.2133
35	-0.3117	85	-0.1307	145	-0.0667
36	-0.2177	86	-0.1197	147	0.2023
37	-0.1747	87	-0.1147	151	-0.0837
38	-0.0967	88	-0.0867	152	-0.1997
39	-0.0767	89	-0.3007	153	-0.2807
40	-0.0517	90	-0.0867	154	-0.3957
41	-0.0987	91	-0.1577	155	-0.1247
42	-0.2837	92	-0.1647	156	0.1133
43	-0.1707	93	-0.1387	157	-0.0337
44	-0.2387	94	-0.1087	158	0.3673
45	-0.2787	95	-0.3177	159	0.1803
46	-0.3187	96	-0.4657	160	0.1713
47	-0.3297	97	-0.2927	161	0.1063
48	-0.2277	98	-0.2307	162	0.2583
49	-0.1847	99	-0.1447	163	0.2933
50	-0.0807	100	-0.1347	164	0.0123
51	-0.0627	101	-0.2947	165	0.0573

ORF	CP	ORF	CP	ORF	CP
166	0.3693	217	0.1393	268	-0.2917
167	0.1823	218	0.1353	269	0.0203
168	0.2033	219	0.1353	270	0.0873
169	0.1173	220	0.1363	271	-0.2787
170	-0.1247	221	-0.0837	272	-0.3107
171	0.1763	222	-0.1917	273	-0.1057
172	-0.0237	223	-0.4157	274	-0.0467
173	-0.0417	224	-0.4107	275	0.1723
174	-0.1177	225	-0.0317	276	0.3883
175	-0.2427	226	-0.1037	277	0.2763
176	-0.4207	227	-0.8287	278	-0.6457
177	-0.2147	228	-0.7847	279	-0.6007
178	-0.2697	229	-0.7317	280	-0.5237
179	-0.2767	230	-0.7107	281	-0.4727
180	-0.3007	231	-0.5097	282	-0.4217
181	0.1713	232	-0.4257	283	-0.3667
182	0.3763	233	-0.3377	284	-0.2247
183	0.5213	234	-0.2407	285	0.1293
184	0.6903	235	-0.3307	286	-0.2817
185	0.7093	236	-0.3317	287	-0.3117
186	0.6763	237	-0.3717	288	-0.1887
187	0.7103	238	-0.3057	289	-0.0287
188	0.7663	239	0.2423	290	0.0483
189	0.8483	240	0.1563	291	-0.4277
190	-0.3437	241	-0.7577	292	0.2993
191	-0.3377	242	-0.6907	325	0.1333
192	-0.3327	244	-0.5097	326	0.1403
193	-0.3317	245	-0.3857	327	0.1393
194	-0.3277	246	-0.2807	328	0.1413
195	-0.3467	247	-0.2137	329	0.1383
196	-0.3477	248	-0.1027	330	0.1403
197	-0.3307	249	-0.2747	331	0.1393
198	-0.3297	250	-0.2467	332	0.1373
199	-0.3307	251	-0.1887	333	0.1393
200	-0.3437	252	-0.1137	334	0.1383
201	-0.3327	253	0.3113	335	0.1403
202	-0.3327	254	0.2153	336	0.1323
203	-0.3317	255	-0.7497	337	0.1353
204	-0.3327	256	-0.7047	338	0.1403
205	0.1953	257	-0.6777	339	0.1383
206	0.1913	258	-0.5967	340	0.1413
207	0.2323	259	-0.4347	341	0.1393
208	0.1923	260	-0.3177	350	0.1353
210	0.2453	261	-0.1977	351	0.1373
211	0.3603	262	-0.0417	352	0.1373
212	0.4233	263	-0.3027	353	0.1313
213	0.1313	264	-0.2527	354	0.1333
214	0.1263	265	-0.0227	355	0.1323
215	0.1303	266	0.0663		
216	0.1333	267	-0.2717		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1794
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 305.
CONFIGURATION NO. = 13.
ANGLE OF MODEL ROLL(DEG) = 0.
MACH NUMBER = 1.199
TUNNEL DYNAMIC PRESSURE(PSF) = 799.
TUNNEL STAGNATION PRESSURE(PSF) = 1923.
TUNNEL STATIC PRESSURE(PSF) = 794.
REYNOLDS NUMBER PER FOOT = 4.0080E 06
MODEL ANGLE OF ATTACK(DEG) = 11.98
FIN ANGLE(DEG) = -0.
FREE-STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 560.

SCANIVALUE	CP(REF)
147	0.1453
247	0.1443
347	0.1443
447	0.1453
547	0.1453
647	0.1443
747	0.1353

ORF	CP	ORF	CP	ORF	CP
1	0.3073	52	-0.3427	102	-0.2517
2	-0.0937	53	-0.3117	103	-0.6457
3	-0.4487	54	-0.3137	104	0.1523
4	-0.4447	55	-0.1387	105	-0.5517
5	-0.4297	56	-0.1977	110	-0.1247
6	-0.4167	57	-0.2327	111	-0.1187
7	-0.4057	58	-0.2697	112	-0.1067
8	-0.3657	59	-0.3077	113	-0.1477
9	-0.3737	60	-0.3297	114	0.1363
10	-0.3637	61	-0.3427	115	0.1373
11	-0.3537	62	-0.3547	116	0.1343
12	-0.3317	63	-0.3337	117	0.1383
13	-0.3097	64	-0.4257	118	0.1363
14	-0.2777	65	-0.4267	119	0.1333
15	-0.2227	66	-0.1357	120	-0.2127
16	-0.0287	67	-0.1857	121	0.1313
17	-0.2407	68	-0.2217	122	0.1373
18	-0.3837	69	-0.2607	123	0.1413
19	-0.4427	70	-0.2887	124	-0.0667
20	-0.4497	71	-0.3237	125	-0.1417
21	-0.4377	72	-0.3277	126	-0.1027
22	-0.4207	73	-0.3367	127	-0.1217
23	-0.3927	74	-0.5027	128	-0.1027
24	-0.3777	75	-0.1187	129	-0.2407
25	-0.3677	76	-0.1567	135	-0.0987
26	-0.3517	77	-0.1917	136	-0.0977
27	-0.2997	78	-0.2207	137	-0.1027
28	-0.2897	79	-0.2357	138	0.0403
29	-0.2257	80	-0.2567	139	0.0393
30	-0.1227	81	-0.2857	140	0.0263
32	-0.3367	82	-0.4667	141	0.2083
33	-0.3977	83	-0.1067	142	0.2113
34	-0.4337	84	-0.1437	143	0.2203
35	-0.4307	85	-0.1747	145	-0.0957
36	-0.4257	86	-0.2037	147	0.2203
37	-0.4237	87	-0.2447	151	-0.0977
38	-0.4107	88	-0.2747	152	-0.1677
39	-0.3957	89	-0.4557	153	-0.2707
40	-0.3797	90	-0.1097	154	-0.4387
41	-0.3737	91	-0.1817	155	-0.0237
42	-0.3607	92	-0.2147	156	0.1783
43	-0.1407	93	-0.2397	157	0.0053
44	-0.2177	94	-0.2597	158	0.6233
45	-0.2717	95	-0.4437	159	0.1883
46	-0.3167	96	-0.4517	160	0.2083
47	-0.3517	97	-0.3527	161	0.1473
48	-0.3687	98	-0.2337	162	0.3353
49	-0.3797	99	-0.1867	163	0.3493
50	-0.3757	100	-0.2677	164	0.0333
51	-0.3647	101	-0.2707	165	0.0733

ORF	CP	ORF	CP	ORF	CP
166	0.5583	217	0.1473	268	-0.2847
167	0.2193	218	0.1473	269	0.0793
168	0.2493	219	0.1423	270	0.1963
169	0.1693	220	0.1503	271	-0.2727
170	0.0303	221	-0.0617	272	-0.2987
171	0.2383	222	-0.2047	273	-0.0017
172	0.0213	223	-0.4447	274	0.0183
173	-0.0517	224	-0.4267	275	0.1823
174	-0.1037	225	-0.0847	276	0.5183
175	-0.2517	226	-0.1407	277	0.3913
176	-0.4367	227	-0.8307	278	-0.6237
177	-0.2427	228	-0.7787	279	-0.5877
178	-0.3067	229	-0.7197	280	-0.5247
179	-0.2667	230	-0.6827	281	-0.4737
180	-0.3027	231	-0.4637	282	-0.4477
181	0.0553	232	-0.3707	283	-0.4297
182	0.2793	233	-0.2977	284	-0.3927
183	0.4623	234	-0.2367	285	0.1363
184	0.6073	235	-0.3367	286	-0.2647
185	0.6543	236	-0.3507	287	-0.2957
186	0.6693	237	-0.3707	288	-0.1397
187	0.7783	238	-0.3097	289	0.0303
188	0.8613	239	0.2083	290	0.1003
189	0.9433	240	0.1353	291	-0.3677
190	-0.3547	241	-0.7357	292	0.4133
191	-0.3407	242	-0.6657	325	0.1223
192	-0.3347	244	-0.5767	326	0.1273
193	-0.3367	245	-0.5647	327	0.1313
194	-0.3337	246	-0.4717	328	0.1283
195	-0.3427	247	-0.2817	329	0.1263
196	-0.3467	248	-0.1317	330	0.1343
197	-0.3347	249	-0.2977	331	0.1283
198	-0.3377	250	-0.2977	332	0.1323
199	-0.3367	251	-0.2207	333	0.1283
200	-0.3437	252	-0.1177	334	0.1273
201	-0.3347	253	0.3913	335	0.1383
202	-0.3327	254	0.3133	336	0.1263
203	-0.3367	255	-0.7207	337	0.1233
204	-0.3357	256	-0.6687	338	0.1263
205	0.1513	257	-0.6397	339	0.1293
206	0.1523	258	-0.5987	340	0.1283
207	0.2093	259	-0.5307	341	0.1263
208	0.1673	260	-0.4397	350	0.1323
210	0.2013	261	-0.3877	351	0.1333
211	0.2833	262	-0.2347	352	0.1303
212	0.3453	263	-0.2397	353	0.1323
213	0.1413	264	-0.2977	354	0.1323
214	0.1423	265	-0.0007	355	0.1313
215	0.1403	266	0.1293		
216	0.1463	267	-0.2157		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1795
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 305.
CONFIGURATION NO. = 13.
ANGLE OF MODEL ROLL(DEG) = 0.
MACH NUMBER = 1.190
TUNNEL DYNAMIC PRESSURE(PSF) = 795.
TUNNEL STAGNATION PRESSURE(PSF) = 1919.
TUNNEL STATIC PRESSURE(PSF) = 801.
REYNOLDS NUMBER PER FOOT = 4.0070E 06
MODEL ANGLE OF ATTACK(DEG) = 0.10
FIN ANGLE(DEG) = -0.
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 559.

SCANIVALUE	CP(REF)
147	0.1365
247	0.1355
347	0.1365
447	0.1365
547	0.1335
647	0.1335
747	0.0855

ORF	CP	ORF	CP	ORF	CP
1	0.2515	52	0.0775	102	-0.1705
2	-0.1135	53	-0.0815	103	-0.5935
3	-0.4385	54	-0.2295	104	0.0945
4	-0.3525	55	-0.0405	105	-0.4485
5	-0.2785	56	-0.0885	110	-0.1575
6	-0.1185	57	0.0105	111	-0.1595
7	-0.0215	58	0.0785	112	-0.1265
8	0.0015	59	0.0945	113	-0.1395
9	0.0135	60	0.0985	114	0.0865
10	0.0325	61	0.1105	115	0.0875
11	0.0475	62	0.1145	116	0.0865
12	0.0575	63	0.0865	117	0.0875
13	0.0585	64	-0.2025	118	0.0875
14	-0.0365	65	-0.2095	119	0.0875
15	-0.1185	66	-0.0115	120	-0.1745
16	-0.0165	67	0.0515	121	0.0765
17	-0.2115	68	0.1025	122	0.0865
18	-0.3295	69	0.1055	123	0.0875
19	-0.2955	70	0.1225	124	-0.0365
20	-0.1045	71	0.1325	125	-0.0895
21	0.0105	72	0.1245	126	-0.0545
22	0.0265	73	0.0835	127	-0.0795
23	0.0345	74	-0.2175	128	-0.0335
24	0.0425	75	0.0655	129	-0.1945
25	0.0575	76	0.1335	135	-0.0435
26	0.0715	77	0.1295	136	-0.0435
27	0.0645	78	0.1475	137	-0.0335
28	-0.0235	79	0.1465	138	0.0535
29	-0.1645	80	0.1075	139	0.0605
30	-0.0745	81	0.0115	140	0.0525
32	-0.2535	82	-0.2375	141	0.2165
33	-0.1955	83	0.1105	142	0.2015
34	0.0165	84	0.1305	143	0.2125
35	0.0445	85	0.1515	145	-0.0495
36	0.0655	86	0.1175	147	0.2015
37	0.0655	87	0.0915	151	0.0345
38	0.0765	88	0.0325	152	-0.1395
39	0.0895	89	-0.2415	153	-0.2265
40	0.0775	90	0.1535	154	-0.4045
41	0.0075	91	0.0975	155	0.0285
42	-0.2195	92	0.0965	156	0.1985
43	-0.0725	93	0.0705	157	0.0215
44	-0.1425	94	0.0435	158	0.4505
45	-0.1805	95	-0.2345	159	0.3275
46	-0.0415	96	-0.4125	160	0.2805
47	0.0625	97	-0.2245	161	0.1865
48	0.0775	98	0.0255	162	0.4305
49	0.0735	99	0.1175	163	0.3965
50	0.0885	100	0.0195	164	0.0435
51	0.0915	101	-0.1985	165	0.1265

ORF	CP	ORF	CP	ORF	CP
166	0.4955	217	0.0895	268	-0.1645
167	0.3325	218	0.0915	269	0.1545
168	0.3205	219	0.0915	270	0.2135
169	0.1965	220	0.0895	271	-0.1925
170	0.0635	221	-0.0225	272	-0.2195
171	0.2405	222	-0.1345	273	0.0945
172	0.0425	223	-0.3275	274	0.1755
173	0.0495	224	-0.3345	275	0.3255
174	-0.0515	225	0.2985	276	0.4305
175	-0.2145	226	0.2445	277	0.3295
176	-0.4075	227	-0.6445	278	-0.6395
177	-0.1185	228	-0.5665	279	-0.5935
178	-0.2415	229	-0.4375	280	-0.5035
179	-0.2625	230	-0.2535	281	-0.4005
180	-0.3475	231	-0.0855	282	-0.2755
181	0.4475	232	-0.0265	283	-0.0885
182	0.5855	233	0.0075	284	0.0275
183	0.5265	234	0.0405	285	0.0915
184	0.7915	235	-0.1095	286	-0.1955
185	0.8445	236	-0.1445	287	-0.2335
186	0.8755	237	-0.2405	288	0.0455
187	0.9305	238	-0.2205	289	0.1745
188	0.9985	239	0.3055	290	0.1705
189	1.0565	240	0.2215	291	-0.4045
190	-0.3375	241	-0.6935	292	0.0885
191	-0.3415	242	-0.6215	325	0.0945
192	-0.3395	244	-0.2645	326	0.0935
193	-0.3345	245	-0.1395	327	0.0945
194	-0.3425	246	-0.0715	328	0.0935
195	-0.3355	247	-0.0015	329	0.0925
196	-0.3415	248	0.0535	330	0.0935
197	-0.3385	249	-0.0895	331	0.0925
198	-0.3415	250	-0.1255	332	0.0935
199	-0.3395	251	-0.0935	333	0.0925
200	-0.3425	252	-0.0285	334	0.0915
201	-0.3425	253	0.3375	335	0.0925
202	-0.3375	254	0.2455	336	0.0945
203	-0.3405	255	-0.7475	337	0.0945
204	-0.3405	256	-0.6865	338	0.0955
205	0.2535	257	-0.6345	339	0.0945
206	0.2445	258	-0.4865	340	0.0945
207	0.2915	259	-0.1385	341	0.0935
208	0.2645	260	-0.0505	350	0.0865
210	0.1885	261	0.0105	351	0.0865
211	0.2945	262	0.0865	352	0.0865
212	0.3325	263	-0.1515	353	0.0865
213	0.0895	264	-0.1325	354	0.0865
214	0.0885	265	0.1155	355	0.0865
215	0.0905	266	0.1915		
216	0.0895	267	-0.1665		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1796
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 306.
CONFIGURATION NO. = 13.
ANGLE OF MODEL ROLL(DEG) = 0.
MACH NUMBER = 1.044
TUNNEL DYNAMIC PRESSURE(PSF) = 745.
TUNNEL STAGNATION PRESSURE(PSF) = 1947.
TUNNEL STATIC PRESSURE(PSF) = 976.
REYNOLDS NUMBER PER FOOT = 3.9910E 06
MODEL ANGLE OF ATTACK(DEG) = -12.07
FIN ANGLE(DEG) = -0.
FREE-STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 560.

SCANIVALUE	CP(REF)
147	-0.0891
247	-0.0911
347	-0.0901
447	-0.0901
547	-0.0921
647	-0.0931
747	-0.0401

ORF	CP	ORF	CP	ORF	CP
1	0.3829	52	0.0759	102	-0.2131
2	-0.1561	53	-0.1651	103	-0.6801
3	-0.6621	54	-0.3471	104	-0.0311
4	-0.4751	55	0.3029	105	-0.4841
5	0.0059	56	0.2819	110	-0.2091
6	0.1419	57	0.2619	111	-0.2231
7	0.2159	58	0.2379	112	-0.1541
8	0.2399	59	0.2149	113	-0.1651
9	0.2509	60	0.1879	114	-0.0281
10	0.2429	61	0.1519	115	-0.0281
11	0.2279	62	0.1049	116	-0.0291
12	0.2079	63	0.0349	117	-0.0301
13	0.1809	64	-0.3551	118	-0.0301
14	0.0079	65	-0.3651	119	-0.0301
15	-0.1191	66	0.2909	120	-0.3131
16	-0.0221	67	0.2619	121	-0.0441
17	-0.2751	68	0.2309	122	-0.0281
18	-0.4321	69	0.1999	123	-0.0281
19	0.1509	70	0.1639	124	-0.0241
20	0.2419	71	0.1239	125	-0.1141
21	0.2509	72	0.0709	126	-0.0571
22	0.2509	73	-0.0131	127	-0.0861
23	0.2439	74	-0.3841	128	-0.0521
24	0.2339	75	0.2639	129	-0.2701
25	0.2189	76	0.2259	135	-0.0491
26	0.1969	77	0.1799	136	-0.0521
27	0.1519	78	0.1369	137	-0.0491
28	-0.0041	79	0.0899	138	0.1289
29	-0.1911	80	0.0369	139	0.1299
30	-0.0821	81	-0.0781	140	0.1119
32	0.2519	82	-0.3931	141	0.2749
33	0.2559	83	0.2339	142	0.2519
34	0.2529	84	0.1779	143	0.2529
35	0.2479	85	0.1269	145	-0.0571
36	0.2399	86	0.0819	147	0.2469
37	0.2269	87	0.0339	151	0.0969
38	0.2089	88	-0.0451	152	-0.1781
39	0.1819	89	-0.3961	153	-0.2341
40	0.1289	90	0.1439	154	-0.3431
41	-0.0001	91	0.1129	155	-0.0331
42	-0.2641	92	0.0749	156	0.2199
43	0.2719	93	0.0359	157	0.0219
44	0.2739	94	-0.0251	158	0.5309
45	0.2619	95	-0.3811	159	0.3519
46	0.2569	96	-0.6331	160	0.2929
47	0.2449	97	-0.3101	161	0.1759
48	0.2289	98	0.2529	162	0.5759
49	0.2079	99	0.1859	163	0.4909
50	0.1829	100	-0.0521	164	0.1159
51	0.1389	101	-0.2471	165	0.1229

ORF	CP	ORF	CP	ORF	CP
166	0.5779	217	-0.0301	268	-0.2251
167	0.3649	218	-0.0301	269	0.1989
168	0.3339	219	-0.0311	270	0.2639
169	0.2019	220	-0.0311	271	-0.2341
170	-0.0641	221	-0.0491	272	-0.2871
171	0.2949	222	-0.1721	273	0.0959
172	0.0419	223	-0.3941	274	0.2169
173	0.0629	224	-0.3741	275	0.7469
174	-0.0281	225	0.9199	276	0.6169
175	-0.1601	226	0.6749	277	0.4599
176	-0.4011	227	-0.9131	278	-0.8831
177	-0.1431	228	-0.8191	279	-0.8501
178	-0.2771	229	-0.7141	280	-0.7771
179	-0.3481	230	-0.5301	281	-0.6471
180	-0.3261	231	0.1209	282	-0.1101
181	0.3279	232	0.2319	283	0.1439
182	0.4649	233	0.2209	284	0.2459
183	0.0179	234	0.2189	285	-0.0321
184	0.1609	235	-0.1311	286	-0.2361
185	0.3289	236	-0.2121	287	-0.2791
186	0.5239	237	-0.3051	288	0.0269
187	0.5969	238	-0.2601	289	0.2279
188	0.7159	239	0.6369	290	0.2399
189	0.8139	240	0.5079	291	-1.0041
190	-0.2931	241	-0.9521	292	-0.2091
191	-0.2611	242	-0.8411	325	-0.0331
192	-0.2911	244	-0.4731	326	-0.0331
193	-0.2901	245	0.0469	327	-0.0321
194	-0.2871	246	0.1869	328	-0.0311
195	-0.2661	247	0.2109	329	-0.0281
196	-0.3351	248	0.2119	330	-0.0281
197	-0.3021	249	-0.0981	331	-0.0331
198	-0.3111	250	-0.1991	332	-0.0321
199	-0.3191	251	-0.1051	333	-0.0321
200	-0.2871	252	0.0089	334	-0.0291
201	-0.2951	253	0.6089	335	-0.0281
202	-0.3031	254	0.4509	336	-0.0301
203	-0.3081	255	-0.9681	337	-0.0331
204	-0.3031	256	-0.9101	338	-0.0321
205	0.4819	257	-0.8531	339	-0.0311
206	0.4809	258	-0.7231	340	-0.0301
207	0.6049	259	-0.0501	341	-0.0281
208	0.6579	260	0.1899	350	-0.0291
210	0.6709	261	0.2339	351	-0.0301
211	0.9229	262	0.2279	352	-0.0291
212	1.1049	263	-0.1661	353	-0.0301
213	-0.0341	264	-0.2031	354	-0.0301
214	-0.0321	265	0.1509	355	-0.0301
215	-0.0321	266	0.2529		
216	-0.0311	267	-0.1661		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1797

TUNNEL = 11

TEST NO. = 086

TEST PHASE = 2

RUN NUMBER = 306.

CONFIGURATION NO. = 13.

ANGLE OF MODEL ROLL(DEG) = 0.

MACH NUMBER = 1.050

TUNNEL DYNAMIC PRESSURE(PSF) = 749.

TUNNEL STAGNATION PRESSURE(PSF) = 1949.

TUNNEL STATIC PRESSURE(PSF) = 970.

REYNOLDS NUMBER PER FOOT = 3.9990E 06

MODEL ANGLE OF ATTACK(DEG) = -8.11

FIN ANGLE(DEG) = -0.

FREE-STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 560.

SCANVALUE	CP(REF)
147	-0.0801
247	-0.0821
347	-0.0811
447	-0.0801
547	-0.0821
647	-0.0821
747	-0.0721

ORF	CP	ORF	CP	ORF	CP
1	0.3449	52	0.0639	102	-0.2341
2	-0.1741	53	-0.1741	103	-0.7101
3	-0.6481	54	-0.3501	104	-0.0031
4	-0.5361	55	0.2589	105	-0.5171
5	-0.4401	56	0.2469	110	-0.1721
6	-0.0891	57	0.2349	111	-0.1951
7	0.0829	58	0.2159	112	-0.1121
8	0.1509	59	0.1929	113	-0.1051
9	0.1949	60	0.1669	114	-0.0041
10	0.2049	61	0.1339	115	-0.0041
11	0.1989	62	0.0899	116	-0.0041
12	0.1889	63	0.0199	117	-0.0051
13	0.1659	64	-0.3581	118	-0.0051
14	-0.0001	65	-0.3691	119	-0.0041
15	-0.1251	66	0.2539	120	-0.2121
16	-0.0491	67	0.2309	121	-0.0081
17	-0.3001	68	0.2069	122	-0.0051
18	-0.4631	69	0.1779	123	-0.0031
19	-0.4531	70	0.1449	124	-0.0051
20	0.0169	71	0.1069	125	-0.0901
21	0.1749	72	0.0559	126	-0.0371
22	0.2149	73	-0.0261	127	-0.0711
23	0.2139	74	-0.3901	128	-0.0101
24	0.2089	75	0.2399	129	-0.1991
25	0.1999	76	0.2039	135	-0.0181
26	0.1809	77	0.1589	136	-0.0291
27	0.1389	78	0.1169	137	-0.0091
28	-0.0121	79	0.0699	138	0.1029
29	-0.1961	80	0.0169	139	0.1009
30	-0.1181	81	-0.0911	140	0.1059
32	-0.3491	82	-0.3991	141	0.2299
33	0.0589	83	0.2119	142	0.2239
34	0.2199	84	0.1549	143	0.2299
35	0.2319	85	0.0989	145	-0.0311
36	0.2219	86	0.0589	147	0.2239
37	0.2069	87	0.0119	151	0.0859
38	0.1899	88	-0.0631	152	-0.1731
39	0.1679	89	-0.4061	153	-0.2471
40	0.1179	90	0.1039	154	-0.3301
41	-0.0101	91	0.0859	155	-0.0401
42	-0.2651	92	0.0469	156	0.2159
43	-0.1081	93	0.0069	157	0.0109
44	-0.0941	94	-0.0501	158	0.4989
45	0.2379	95	-0.3951	159	0.3399
46	0.2379	96	-0.6251	160	0.2749
47	0.2249	97	-0.3161	161	0.1619
48	0.2089	98	0.2299	162	0.5309
49	0.1879	99	0.1649	163	0.4529
50	0.1649	100	-0.0741	164	0.0729
51	0.1239	101	-0.2781	165	0.1079

ORF	CP	ORF	CP	ORF	CP
166	0.5429	217	-0.0071	268	-0.2431
167	0.3519	218	-0.0061	269	0.1719
168	0.3179	219	-0.0051	270	0.2379
169	0.1849	220	-0.0051	271	-0.2601
170	-0.0541	221	0.0149	272	-0.3071
171	0.2919	222	-0.1261	273	0.1029
172	0.0329	223	-0.3821	274	0.2109
173	0.0519	224	-0.3761	275	0.6669
174	-0.0291	225	0.7999	276	0.5729
175	-0.1701	226	0.5799	277	0.4229
176	-0.3891	227	-0.9111	278	-0.8731
177	-0.1441	228	-0.8101	279	-0.8341
178	-0.2841	229	-0.7061	280	-0.7531
179	-0.3361	230	-0.5081	281	-0.6181
180	-0.3061	231	-0.3441	282	-0.4501
181	0.3469	232	0.0299	283	-0.0321
182	0.4859	233	0.1799	284	0.1979
183	0.2219	234	0.1909	285	-0.0061
184	0.4929	235	-0.1221	286	-0.2631
185	0.7349	236	-0.2191	287	-0.3031
186	0.8819	237	-0.3111	288	0.0419
187	0.9929	238	-0.2701	289	0.2219
188	1.1109	239	0.5739	290	0.2129
189	1.1639	240	0.4489	291	-0.9671
190	-0.2961	241	-0.9481	292	-0.1411
191	-0.2471	242	-0.8351	325	-0.0031
192	-0.2831	244	-0.4671	326	-0.0031
193	-0.2831	245	-0.3271	327	-0.0031
194	-0.2831	246	-0.0091	328	-0.0031
195	-0.2671	247	0.1689	329	-0.0011
196	-0.3171	248	0.1869	330	-0.0041
197	-0.2851	249	-0.1011	331	-0.0031
198	-0.2941	250	-0.2111	332	-0.0041
199	-0.2991	251	-0.1221	333	-0.0031
200	-0.2771	252	-0.0061	334	-0.0021
201	-0.2841	253	0.5569	335	-0.0041
202	-0.2811	254	0.4059	336	-0.0051
203	-0.2841	255	-0.9611	337	-0.0041
204	-0.2821	256	-0.8951	338	-0.0031
205	0.4049	257	-0.8361	339	-0.0031
206	0.4019	258	-0.7051	340	-0.0021
207	0.5059	259	-0.4581	341	-0.0001
208	0.5379	260	0.0289	350	-0.0051
210	0.5239	261	0.1919	351	-0.0051
211	0.8679	262	0.2139	352	-0.0041
212	1.0619	263	-0.1861	353	-0.0041
213	-0.0061	264	-0.2191	354	-0.0041
214	-0.0081	265	0.1199	355	-0.0061
215	-0.0071	266	0.2289		
216	-0.0091	267	-0.1901		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1798
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 306.
CONFIGURATION NO. = 13.
ANGLE OF MODEL ROLL(DEG) = 0.
MACH NUMBER = 1.050
TUNNEL DYNAMIC PRESSURE(PSF) = 748.
TUNNEL STAGNATION PRESSURE(PSF) = 1948.
TUNNEL STATIC PRESSURE(PSF) = 970.
REYNOLDS NUMBER PER FOOT = 3.9970E 06
MODEL ANGLE OF ATTACK(DEG) = -3.98
FIN ANGLE(DEG) = -0.
FREE*STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 560.

SCANIVALUE	CP(REF)
147	-0.0818
247	-0.0828
347	-0.0818
447	-0.0818
547	-0.0838
647	-0.0848
747	-0.0158

ORF	CP	ORF	CP	ORF	CP
1	0.2732	52	0.0302	102	-0.2778
2	-0.2108	53	-0.1958	103	-0.7478
3	-0.6468	54	-0.3658	104	0.0082
4	-0.5248	55	-0.1278	105	-0.5658
5	-0.4458	56	-0.0148	110	-0.1658
6	-0.2988	57	0.1742	111	-0.1958
7	-0.1068	58	0.1612	112	-0.1118
8	-0.0038	59	0.1452	113	-0.1038
9	0.0442	60	0.1272	114	0.0122
10	0.0762	61	0.1002	115	0.0112
11	0.0932	62	0.0602	116	0.0112
12	0.0932	63	-0.0028	117	0.0122
13	0.0832	64	-0.3718	118	0.0122
14	-0.0608	65	-0.3828	119	0.0152
15	-0.1728	66	0.1812	120	-0.1598
16	-0.0948	67	0.1762	121	0.0102
17	-0.3338	68	0.1612	122	0.0142
18	-0.4828	69	0.1392	123	0.0152
19	-0.4558	70	0.1122	124	0.0132
20	-0.3118	71	0.0792	125	-0.0618
21	-0.0288	72	0.0302	126	-0.0048
22	0.0542	73	-0.0538	127	-0.0388
23	0.0872	74	-0.4048	128	0.0102
24	0.1042	75	0.1942	129	-0.1728
25	0.1102	76	0.1622	135	0.0042
26	0.1042	77	0.1282	136	-0.0018
27	0.0732	78	0.0892	137	0.0112
28	-0.0628	79	0.0372	138	0.1222
29	-0.2368	80	-0.0088	139	0.1192
30	-0.1608	81	-0.1178	140	0.1262
32	-0.3858	82	-0.4178	141	0.2472
33	-0.3738	83	0.1752	142	0.2442
34	-0.0358	84	0.1262	143	0.2462
35	0.0932	85	0.0612	145	-0.0078
36	0.1202	86	0.0292	147	0.2422
37	0.1262	87	-0.0168	151	0.0312
38	0.1222	88	-0.0918	152	-0.1908
39	0.1072	89	-0.4258	153	-0.2568
40	0.0672	90	0.0702	154	-0.3388
41	-0.0458	91	0.0552	155	-0.0338
42	-0.3068	92	0.0132	156	0.1792
43	-0.1558	93	-0.0258	157	-0.0268
44	-0.2358	94	-0.0828	158	0.4412
45	-0.2608	95	-0.4218	159	0.3072
46	0.0962	96	-0.6248	160	0.2462
47	0.1482	97	-0.3398	161	0.1282
48	0.1462	98	0.1742	162	0.4392
49	0.1352	99	0.1332	163	0.3932
50	0.1182	100	-0.1048	164	0.0872
51	0.0842	101	-0.3178	165	0.0622

ORF	CP	ORF	CP	ORF	CP
166	0.5052	217	0.0102	268	-0.2738
167	0.3162	218	0.0122	269	0.1242
168	0.2802	219	0.0112	270	0.1912
169	0.1492	220	0.0122	271	-0.2968
170	-0.0388	221	-0.0988	272	-0.3368
171	0.2442	222	-0.1888	273	0.0882
172	-0.0028	223	-0.3648	274	0.1902
173	0.0212	224	-0.3548	275	0.5452
174	-0.0608	225	0.6272	276	0.4912
175	-0.2048	226	0.4282	277	0.3462
176	-0.3968	227	-0.9488	278	-0.8808
177	-0.1708	228	-0.8658	279	-0.8358
178	-0.3238	229	-0.7758	280	-0.7468
179	-0.3618	230	-0.5738	281	-0.6078
180	-0.2968	231	-0.3488	282	-0.4588
181	0.3042	232	-0.1598	283	-0.2148
182	0.4392	233	0.0322	284	0.0552
183	0.3112	234	0.0862	285	0.0142
184	0.6482	235	-0.1578	286	-0.3018
185	0.7512	236	-0.2348	287	-0.3378
186	0.8142	237	-0.3208	288	0.0342
187	0.9152	238	-0.2758	289	0.1922
188	0.9972	239	0.4502	290	0.1652
189	1.0502	240	0.3332	291	-0.9408
190	-0.3068	241	-0.9658	292	-0.1078
191	-0.2778	242	-0.8588	325	0.0062
192	-0.2888	244	-0.4608	326	0.0072
193	-0.2828	245	-0.3258	327	0.0072
194	-0.2848	246	-0.1928	328	0.0062
195	-0.2748	247	0.0272	329	0.0082
196	-0.2998	248	0.0932	330	0.0072
197	-0.2818	249	-0.1368	331	0.0082
198	-0.2818	250	-0.2318	332	0.0062
199	-0.2908	251	-0.1408	333	0.0052
200	-0.2768	252	-0.0438	334	0.0072
201	-0.2748	253	0.4492	335	0.0082
202	-0.2788	254	0.3132	336	0.0072
203	-0.2838	255	-0.9758	337	0.0072
204	-0.2818	256	-0.9068	338	0.0072
205	0.3392	257	-0.8478	339	0.0072
206	0.3362	258	-0.7038	340	0.0062
207	0.4052	259	-0.4348	341	0.0072
208	0.4092	260	-0.1428	350	0.0152
210	0.3162	261	0.0472	351	0.0152
211	0.6972	262	0.1242	352	0.0152
212	0.8732	263	-0.2158	353	0.0142
213	0.0092	264	-0.2428	354	0.0152
214	0.0102	265	0.0782	355	0.0132
215	0.0092	266	0.1822		
216	0.0092	267	-0.2238		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1799

TUNNEL = 11

TEST NO. = 086

TEST PHASE = 2

RUN NUMBER = 306.

CONFIGURATION NO. = 13.

ANGLE OF MODEL ROLL(DEG) = 0.

MACH NUMBER = 1.047

TUNNEL DYNAMIC PRESSURE(PSF) = 747.

TUNNEL STAGNATION PRESSURE(PSF) = 1948.

TUNNEL STATIC PRESSURE(PSF) = 973.

REYNOLDS NUMBER PER FOOT = 3.9920E 06

MODEL ANGLE OF ATTACK(DEG) = 0.07

FIN ANGLE(DEG) = -0.

FREE-STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 561.

SCANIVALUE	CP(REF)
147	-0.0845
247	-0.0855
347	-0.0855
447	-0.0845
547	-0.0865
647	-0.0875
747	-0.0215

ORF	CP	ORF	CP	ORF	CP
1	0.1595	52	-0.0465	102	-0.3165
2	-0.2795	53	-0.2465	103	-0.8055
3	-0.6385	54	-0.4195	104	0.0375
4	-0.5115	55	-0.1065	105	-0.6315
5	-0.3005	56	0.0285	110	-0.1735
6	-0.1505	57	0.0445	111	-0.1965
7	-0.0875	58	0.0405	112	-0.1155
8	-0.0555	59	0.0435	113	-0.1195
9	-0.0455	60	0.0445	114	0.0405
10	-0.0365	61	0.0265	115	0.0405
11	-0.0265	62	-0.0035	116	0.0405
12	-0.0235	63	-0.0535	117	0.0405
13	-0.0425	64	-0.4005	118	0.0385
14	-0.1685	65	-0.4145	119	0.0395
15	-0.2605	66	0.0815	120	-0.1565
16	-0.1685	67	0.0785	121	0.0345
17	-0.3835	68	0.0795	122	0.0395
18	-0.4975	69	0.0705	123	0.0395
19	-0.3215	70	0.0535	124	0.0205
20	-0.0945	71	0.0275	125	-0.0515
21	-0.0525	72	-0.0105	126	0.0015
22	-0.0385	73	-0.0835	127	-0.0265
23	-0.0285	74	-0.4325	128	0.0105
24	-0.0225	75	0.1265	129	-0.1775
25	-0.0175	76	0.1085	135	0.0065
26	-0.0195	77	0.0795	136	-0.0015
27	-0.0425	78	0.0515	137	0.0105
28	-0.1625	79	0.0025	138	0.1415
29	-0.3185	80	-0.0515	139	0.1395
30	-0.2335	81	-0.1485	140	0.1435
32	-0.3485	82	-0.4415	141	0.2665
33	-0.0935	83	0.1295	142	0.2645
34	-0.0265	84	0.0925	143	0.2665
35	-0.0175	85	0.0335	145	0.0005
36	-0.0105	86	-0.0175	147	0.2615
37	-0.0065	87	-0.0555	151	-0.0705
38	-0.0045	88	-0.1235	152	-0.2465
39	-0.0105	89	-0.4485	153	-0.2625
40	-0.0385	90	0.0525	154	-0.3405
41	-0.1345	91	0.0045	155	-0.0705
42	-0.3835	92	-0.0295	156	0.0915
43	-0.2205	93	-0.0665	157	-0.0905
44	-0.1925	94	-0.1195	158	0.3755
45	-0.0355	95	-0.4505	159	0.2085
46	0.0115	96	-0.6155	160	0.1555
47	0.0135	97	-0.4025	161	0.0515
48	0.0145	98	0.0375	162	0.3415
49	0.0175	99	0.0865	163	0.2765
50	0.0175	100	-0.1375	164	0.1125
51	-0.0035	101	-0.3515	165	-0.0175

ORF	CP	ORF	CP	ORF	CP
166	0.4135	217	0.0345	268	-0.3045
167	0.2215	218	0.0345	269	0.0615
168	0.1925	219	0.0355	270	0.1295
169	0.0735	220	0.0355	271	-0.3355
170	-0.0525	221	-0.1735	272	-0.3655
171	0.1475	222	-0.2575	273	0.0285
172	-0.0665	223	-0.3695	274	0.1145
173	-0.0485	224	-0.3675	275	0.3215
174	-0.1495	225	0.2995	276	0.3705
175	-0.2645	226	0.1805	277	0.2355
176	-0.3685	227	-0.9385	278	-0.8925
177	-0.2565	228	-0.8415	279	-0.8345
178	-0.4015	229	-0.7185	280	-0.7325
179	-0.4275	230	-0.4535	281	-0.5945
180	-0.2715	231	-0.2345	282	-0.3785
181	0.3855	232	-0.1535	283	-0.1295
182	0.5275	233	-0.0905	284	-0.0405
183	0.4315	234	-0.0615	285	0.0355
184	0.7155	235	-0.2285	286	-0.3445
185	0.7675	236	-0.2785	287	-0.3835
186	0.7815	237	-0.3155	288	-0.0275
187	0.8085	238	-0.2765	289	0.1155
188	0.8875	239	0.2935	290	0.0835
189	0.9055	240	0.1825	291	-0.7385
190	-0.3045	241	-0.9955	292	-0.0045
191	-0.2825	242	-0.9035	325	0.0385
192	-0.2855	244	-0.5125	326	0.0375
193	-0.2795	245	-0.2385	327	0.0375
194	-0.2845	246	-0.1555	328	0.0385
195	-0.2845	247	-0.0795	329	0.0375
196	-0.2875	248	-0.0375	330	0.0365
197	-0.2795	249	-0.2195	331	0.0375
198	-0.2835	250	-0.2655	332	0.0385
199	-0.2885	251	-0.1975	333	0.0365
200	-0.2885	252	-0.1185	334	0.0385
201	-0.2855	253	0.3055	335	0.0375
202	-0.2775	254	0.1795	336	0.0405
203	-0.2815	255	-1.0035	337	0.0385
204	-0.2765	256	-0.9305	338	0.0375
205	0.2725	257	-0.8725	339	0.0385
206	0.2725	258	-0.7045	340	0.0395
207	0.3075	259	-0.2295	341	0.0375
208	0.2865	260	-0.1265	350	0.0415
210	0.2365	261	-0.0565	351	0.0405
211	0.3385	262	-0.0085	352	0.0395
212	0.3735	263	-0.2825	353	0.0395
213	0.0365	264	-0.2635	354	0.0385
214	0.0345	265	0.0165	355	0.0425
215	0.0335	266	0.1055		
216	0.0345	267	-0.2945		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1800
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 306.
CONFIGURATION NO. = 13.
ANGLE OF MODEL ROLL(DEG) = 0.
MACH NUMBER = 1.042
TUNNEL DYNAMIC PRESSURE(PSF) = 744.
TUNNEL STAGNATION PRESSURE(PSF) = 1949.
TUNNEL STATIC PRESSURE(PSF) = 980.
REYNOLDS NUMBER PER FOOT = 3.9900E 06
MODEL ANGLE OF ATTACK(DEG) = 4.03
FIN ANGLE(DEG) = -0.
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 561.

SCANIVALUE	CP(REF)
147	-0.0952
247	-0.0962
347	-0.0952
447	-0.0952
547	-0.0982
647	-0.0992
747	-0.0452

ORF	CP	ORF	CP	ORF	CP
1	0.0278	52	-0.1832	102	-0.3512
2	-0.3612	53	-0.3672	103	-0.7562
3	-0.5642	54	-0.5132	104	0.0618
4	-0.4292	55	-0.0642	105	-0.6042
5	-0.2762	56	-0.0822	110	-0.1692
6	-0.2002	57	-0.0882	111	-0.1862
7	-0.1732	58	-0.0962	112	-0.1302
8	-0.1552	59	-0.1022	113	-0.1432
9	-0.1542	60	-0.1062	114	0.0568
10	-0.1522	61	-0.1192	115	0.0558
11	-0.1502	62	-0.1442	116	0.0578
12	-0.1482	63	-0.1902	117	0.0558
13	-0.1702	64	-0.4992	118	0.0558
14	-0.2842	65	-0.4992	119	0.0558
15	-0.3492	66	-0.0502	120	-0.1532
16	-0.2552	67	-0.0652	121	0.0538
17	-0.4182	68	-0.0722	122	0.0588
18	-0.4072	69	-0.0842	123	0.0588
19	-0.2112	70	-0.0992	124	0.0028
20	-0.1622	71	-0.1132	125	-0.0612
21	-0.1522	72	-0.1332	126	-0.0112
22	-0.1472	73	-0.1902	127	-0.0392
23	-0.1482	74	-0.5042	128	-0.0122
24	-0.1472	75	-0.0302	129	-0.1862
25	-0.1472	76	-0.0492	135	-0.0142
26	-0.1512	77	-0.0702	136	-0.0162
27	-0.1752	78	-0.0842	137	-0.0122
28	-0.2842	79	-0.1082	138	0.1298
29	-0.3982	80	-0.1512	139	0.1108
30	-0.2922	81	-0.2442	140	0.1288
32	-0.2022	82	-0.5072	141	0.2408
33	-0.1332	83	-0.0292	142	0.2398
34	-0.1352	84	-0.0542	143	0.2458
35	-0.1392	85	-0.0872	145	-0.0182
36	-0.1362	86	-0.1252	147	0.2388
37	-0.1352	87	-0.1552	151	-0.1332
38	-0.1372	88	-0.2172	152	-0.2662
39	-0.1442	89	-0.5102	153	-0.2602
40	-0.1702	90	-0.0702	154	-0.2882
41	-0.2622	91	-0.1142	155	-0.1672
42	-0.4632	92	-0.1332	156	0.0088
43	-0.1832	93	-0.1622	157	-0.1262
44	-0.1282	94	-0.2072	158	0.1908
45	-0.1102	95	-0.5092	159	0.1078
46	-0.1122	96	-0.5652	160	0.0568
47	-0.1152	97	-0.4962	161	-0.0242
48	-0.1182	98	-0.0942	162	0.1818
49	-0.1232	99	-0.0592	163	0.1418
50	-0.1272	100	-0.2252	164	0.1078
51	-0.1472	101	-0.3752	165	-0.0732

ORF	CP	ORF	CP	ORF	CP
166	0.2108	217	0.0538	268	-0.3402
167	0.1188	218	0.0558	269	-0.0522
168	0.0928	219	0.0578	270	0.0068
169	-0.0082	220	0.0568	271	-0.3692
170	-0.1802	221	-0.2412	272	-0.3882
171	0.0628	222	-0.3182	273	-0.1392
172	-0.1112	223	-0.4242	274	-0.0402
173	-0.1192	224	-0.4102	275	0.1708
174	-0.1902	225	0.0538	276	0.2478
175	-0.2452	226	-0.0652	277	0.1138
176	-0.3142	227	-1.0622	278	-0.8912
177	-0.2852	228	-1.0112	279	-0.8052
178	-0.3942	229	-0.9382	280	-0.6852
179	-0.4232	230	-0.7662	281	-0.5412
180	-0.2532	231	-0.5272	282	-0.3102
181	0.2318	232	-0.4642	283	-0.1942
182	0.3788	233	-0.3142	284	-0.1562
183	0.3618	234	-0.2072	285	0.0588
184	0.6018	235	-0.2982	286	-0.3722
185	0.6658	236	-0.3232	287	-0.4202
186	0.7608	237	-0.3342	288	-0.1832
187	0.8708	238	-0.2962	289	-0.0562
188	0.9538	239	0.2228	290	-0.0272
189	1.0128	240	0.1098	291	-0.7932
190	-0.3172	241	-1.0302	292	0.1198
191	-0.2762	242	-0.9512	325	0.0628
192	-0.2842	244	-0.7102	326	0.0618
193	-0.2742	245	-0.3212	327	0.0628
194	-0.2702	246	-0.2522	328	0.0618
195	-0.2832	247	-0.2052	329	0.0628
196	-0.2742	248	-0.1712	330	0.0598
197	-0.2682	249	-0.3102	331	0.0608
198	-0.2702	250	-0.3132	332	0.0628
199	-0.2682	251	-0.2552	333	0.0618
200	-0.2812	252	-0.1892	334	0.0628
201	-0.2712	253	0.2308	335	0.0588
202	-0.2632	254	0.0958	336	0.0608
203	-0.2642	255	-1.0252	337	0.0638
204	-0.2692	256	-0.9492	338	0.0618
205	0.1968	257	-0.8792	339	0.0628
206	0.1978	258	-0.6742	340	0.0618
207	0.2228	259	-0.2722	341	0.0638
208	0.2138	260	-0.1982	350	0.0568
210	0.2158	261	-0.1702	351	0.0538
211	0.4108	262	-0.1322	352	0.0498
212	0.4818	263	-0.3702	353	0.0508
213	0.0558	264	-0.3042	354	0.0498
214	0.0568	265	-0.0812	355	0.0528
215	0.0578	266	-0.0122		
216	0.0578	267	-0.3702		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1801

TUNNEL = 11

TEST NO. = 086

TEST PHASE = 2

RUN NUMBER = 306.

CONFIGURATION NO. = 13.

ANGLE OF MODEL ROLL(DEG) = 0.

MACH NUMBER = 1.046

TUNNEL DYNAMIC PRESSURE(PSF) = 746.

TUNNEL STAGNATION PRESSURE(PSF) = 1949.

TUNNEL STATIC PRESSURE(PSF) = 975.

REYNOLDS NUMBER PER FOOT = 3.9900E 06

MODEL ANGLE OF ATTACK(DEG) = 7.94

FIN ANGLE(DEG) = -0.

FREE-STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 561.

SCANIVALUE	CP(REF)
147	-0.0880
247	-0.0890
347	-0.0890
447	-0.0890
547	-0.0900
647	-0.0900
747	-0.0010

ORF	CP	ORF	CP	ORF	CP
1	0.0670	52	-0.1830	102	-0.3810
2	-0.3390	53	-0.3560	103	-0.7850
3	-0.5670	54	-0.4960	104	0.0810
4	-0.5380	55	-0.2790	105	-0.6480
5	-0.4830	56	-0.2960	110	-0.1560
6	-0.4270	57	-0.2390	111	-0.1740
7	-0.3460	58	-0.1910	112	-0.1340
8	-0.2670	59	-0.1700	113	-0.1660
9	-0.2450	60	-0.1570	114	0.0830
10	-0.2240	61	-0.1460	115	0.0840
11	-0.2070	62	-0.1460	116	0.0820
12	-0.1900	63	-0.1730	117	0.0850
13	-0.1940	64	-0.4860	118	0.0840
14	-0.2830	65	-0.4930	119	0.0840
15	-0.3560	66	-0.2420	120	-0.1500
16	-0.2360	67	-0.2200	121	0.0770
17	-0.4170	68	-0.1640	122	0.0870
18	-0.5010	69	-0.1460	123	0.0830
19	-0.4720	70	-0.1380	124	0.0060
20	-0.4110	71	-0.1150	125	-0.0590
21	-0.3290	72	-0.1310	126	-0.0180
22	-0.2570	73	-0.1930	127	-0.0340
23	-0.2190	74	-0.5000	128	-0.0240
24	-0.2130	75	-0.1530	129	-0.1860
25	-0.1980	76	-0.1280	135	-0.0260
26	-0.1850	77	-0.1160	136	-0.0280
27	-0.1890	78	-0.0990	137	-0.0260
28	-0.2790	79	-0.1150	138	0.1250
29	-0.4060	80	-0.1660	139	0.1160
30	-0.2940	81	-0.2570	140	0.1300
32	-0.4480	82	-0.5020	141	0.2570
33	-0.4010	83	-0.1140	142	0.2540
34	-0.3260	84	-0.0900	143	0.2560
35	-0.2470	85	-0.1020	145	-0.0320
36	-0.2040	86	-0.1500	147	0.2540
37	-0.1960	87	-0.1830	151	-0.1390
38	-0.1880	88	-0.2270	152	-0.2700
39	-0.1750	89	-0.5050	153	-0.2640
40	-0.1840	90	-0.0940	154	-0.2490
41	-0.2540	91	-0.1590	155	-0.2170
42	-0.4640	92	-0.1790	156	0.0260
43	-0.3030	93	-0.1950	157	-0.0900
44	-0.3610	94	-0.2200	158	0.1850
45	-0.3670	95	-0.5090	159	0.1210
46	-0.3030	96	-0.5670	160	0.0780
47	-0.2130	97	-0.4910	161	0.0000
48	-0.1870	98	-0.2680	162	0.1710
49	-0.1810	99	-0.1180	163	0.1720
50	-0.1670	100	-0.2420	164	0.1150
51	-0.1620	101	-0.4070	165	-0.0380

ORF	CP	ORF	CP	ORF	CP
166	0.2030	217	0.0840	268	-0.3860
167	0.1170	218	0.0800	269	-0.0910
168	0.1040	219	0.0820	270	-0.0190
169	0.0150	220	0.0820	271	-0.3980
170	-0.2310	221	-0.2690	272	-0.4210
171	0.0810	222	-0.3600	273	-0.2210
172	-0.0870	223	-0.4750	274	-0.1320
173	-0.1220	224	-0.4540	275	0.1410
174	-0.1860	225	-0.0630	276	0.2700
175	-0.2460	226	-0.1850	277	0.1490
176	-0.2910	227	-1.0950	278	-0.8640
177	-0.2950	228	-1.0470	279	-0.7610
178	-0.3600	229	-0.9880	280	-0.6530
179	-0.3900	230	-0.9410	281	-0.5500
180	-0.2110	231	-0.6810	282	-0.4830
181	0.0940	232	-0.5700	283	-0.3980
182	0.2870	233	-0.4610	284	-0.2330
183	0.4820	234	-0.3240	285	0.0820
184	0.7200	235	-0.4280	286	-0.3980
185	0.7820	236	-0.4090	287	-0.4400
186	0.8480	237	-0.3690	288	-0.2780
187	1.0160	238	-0.2850	289	-0.1280
188	1.1220	239	0.2090	290	-0.0410
189	1.1880	240	0.0990	291	-0.7320
190	-0.3170	241	-1.0290	292	0.2150
191	-0.2830	242	-0.9530	325	0.0850
192	-0.2760	244	-0.7830	326	0.0850
193	-0.2710	245	-0.5020	327	0.0850
194	-0.2620	246	-0.3450	328	0.0850
195	-0.2820	247	-0.2800	329	0.0830
196	-0.2700	248	-0.2000	330	0.0820
197	-0.2660	249	-0.3740	331	0.0840
198	-0.2620	250	-0.3420	332	0.0850
199	-0.2630	251	-0.2450	333	0.0850
200	-0.2870	252	-0.1780	334	0.0840
201	-0.2810	253	0.2530	335	0.0830
202	-0.2660	254	0.1290	336	0.0840
203	-0.2700	255	-1.0080	337	0.0840
204	-0.2780	256	-0.9360	338	0.0860
205	0.1700	257	-0.8750	339	0.0850
206	0.1710	258	-0.7450	340	0.0830
207	0.2000	259	-0.4910	341	0.0820
208	0.1820	260	-0.3620	350	0.0860
210	0.2420	261	-0.2460	351	0.0850
211	0.3080	262	-0.1500	352	0.0860
212	0.3620	263	-0.4530	353	0.0840
213	0.0800	264	-0.3340	354	0.0840
214	0.0790	265	-0.1100	355	0.0830
215	0.0800	266	-0.0290		
216	0.0830	267	-0.4190		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1802
 TUNNEL = 11
 TEST NO. = 086
 TEST PHASE = 2
 RUN NUMBER = 306.
 CONFIGURATION NO. = 13.
 ANGLE OF MODEL ROLL(DEG) = 0.
 MACH NUMBER = 1.044
 TUNNEL DYNAMIC PRESSURE(PSF) = 745.
 TUNNEL STAGNATION PRESSURE(PSF) = 1949.
 TUNNEL STATIC PRESSURE(PSF) = 977.
 REYNOLDS NUMBER PER FOOT = 3.9880E 06
 MODEL ANGLE OF ATTACK(DEG) = 11.98
 FIN ANGLE(DEG) = -0.
 FREE-STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 561.

SCANIVALUE	CP(REF)
147	-0.0904
247	-0.0914
347	-0.0914
447	-0.0914
547	-0.0894
647	-0.0904
747	-0.0384

ORF	CP	ORF	CP	ORF	CP
1	0.1416	52	-0.2394	102	-0.4064
2	-0.2854	53	-0.3184	103	-0.8654
3	-0.5654	54	-0.3864	104	0.0856
4	-0.5434	55	-0.2954	105	-0.7334
5	-0.5384	56	-0.3584	110	-0.1464
6	-0.5184	57	-0.4044	111	-0.1674
7	-0.5174	58	-0.4364	112	-0.1394
8	-0.4884	59	-0.4584	113	-0.1914
9	-0.5074	60	-0.4584	114	0.0836
10	-0.4984	61	-0.4304	115	0.0796
11	-0.4494	62	-0.3134	116	0.0826
12	-0.3674	63	-0.1954	117	0.0856
13	-0.3024	64	-0.4054	118	0.0826
14	-0.3014	65	-0.4034	119	0.0796
15	-0.3604	66	-0.2944	120	-0.1804
16	-0.1884	67	-0.3434	121	0.0746
17	-0.3894	68	-0.3754	122	0.0856
18	-0.5084	69	-0.4044	123	0.0866
19	-0.5254	70	-0.4174	124	-0.0344
20	-0.5204	71	-0.4114	125	-0.0904
21	-0.5124	72	-0.2954	126	-0.0514
22	-0.5104	73	-0.2334	127	-0.0764
23	-0.5054	74	-0.4164	128	-0.0594
24	-0.4994	75	-0.2774	129	-0.2314
25	-0.4614	76	-0.3184	135	-0.0584
26	-0.3834	77	-0.3514	136	-0.0604
27	-0.2824	78	-0.3734	137	-0.0574
28	-0.2814	79	-0.3564	138	0.1186
29	-0.3694	80	-0.2594	139	0.1166
30	-0.2704	81	-0.3184	140	0.1236
32	-0.4734	82	-0.4674	141	0.2466
33	-0.5034	83	-0.2744	142	0.2486
34	-0.5114	84	-0.3124	143	0.2476
35	-0.5144	85	-0.3374	145	-0.0604
36	-0.5024	86	-0.3494	147	0.2466
37	-0.4984	87	-0.3344	151	-0.1564
38	-0.4664	88	-0.3054	152	-0.2184
39	-0.3954	89	-0.4874	153	-0.2564
40	-0.2754	90	-0.2724	154	-0.2684
41	-0.2514	91	-0.3514	155	-0.1734
42	-0.3864	92	-0.3754	156	0.1216
43	-0.3074	93	-0.3704	157	-0.0344
44	-0.3794	94	-0.2944	158	0.3226
45	-0.4394	95	-0.5004	159	0.1406
46	-0.4704	96	-0.5874	160	0.1166
47	-0.4894	97	-0.4274	161	0.0526
48	-0.4834	98	-0.4124	162	0.1746
49	-0.4804	99	-0.3524	163	0.2156
50	-0.4554	100	-0.3034	164	0.1166
51	-0.3484	101	-0.4344	165	-0.0114

DRF	CP	DRF	CP	DRF	CP
166	0.3146	217	0.0826	268	-0.4474
167	0.1506	218	0.0846	269	-0.0684
168	0.1546	219	0.0866	270	0.0106
169	0.0656	220	0.0846	271	-0.4184
170	-0.1814	221	-0.2454	272	-0.4504
171	0.1696	222	-0.3734	273	-0.2054
172	-0.0444	223	-0.5054	274	-0.1464
173	-0.0974	224	-0.4814	275	0.1266
174	-0.1734	225	-0.1834	276	0.3606
175	-0.2524	226	-0.2874	277	0.2396
176	-0.3214	227	-1.1194	278	-0.8384
177	-0.2764	228	-1.0644	279	-0.7334
178	-0.3384	229	-0.9954	280	-0.6254
179	-0.3604	230	-1.0224	281	-0.5494
180	-0.2124	231	-0.8694	282	-0.5234
181	-0.0884	232	-0.6684	283	-0.5164
182	0.0976	233	-0.5004	284	-0.4934
183	0.4516	234	-0.3884	285	0.0866
184	0.6676	235	-0.5134	286	-0.4264
185	0.7326	236	-0.4684	287	-0.4514
186	0.8596	237	-0.3334	288	-0.3094
187	1.0216	238	-0.2514	289	-0.1254
188	1.1376	239	0.1906	290	-0.0244
189	1.1886	240	0.0806	291	-0.7314
190	-0.3074	241	-1.0234	292	0.2436
191	-0.2994	242	-0.9434	325	0.0796
192	-0.2774	244	-0.7924	326	0.0806
193	-0.2654	245	-0.6714	327	0.0796
194	-0.2644	246	-0.5024	328	0.0806
195	-0.2974	247	-0.4004	329	0.0826
196	-0.2764	248	-0.2284	330	0.0846
197	-0.2654	249	-0.4914	331	0.0826
198	-0.2824	250	-0.4014	332	0.0816
199	-0.2744	251	-0.2414	333	0.0826
200	-0.3084	252	-0.1714	334	0.0836
201	-0.3054	253	0.3226	335	0.0856
202	-0.2784	254	0.2156	336	0.0816
203	-0.2894	255	-0.9804	337	0.0786
204	-0.3044	256	-0.9124	338	0.0796
205	0.1466	257	-0.8524	339	0.0806
206	0.1466	258	-0.7574	340	0.0806
207	0.1886	259	-0.6414	341	0.0846
208	0.1576	260	-0.5474	350	0.0826
210	0.2416	261	-0.4504	351	0.0856
211	0.3466	262	-0.2234	352	0.0856
212	0.4256	263	-0.4274	353	0.0846
213	0.0846	264	-0.4334	354	0.0826
214	0.0806	265	-0.1224	355	0.0856
215	0.0826	266	-0.0144		
216	0.0846	267	-0.3944		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1803

TUNNEL = 11

TEST NO. = 086

TEST PHASE = 2

RUN NUMBER = 306.

CONFIGURATION NO. = 13.

ANGLE OF MODEL ROLL(DEG) = 0.

MACH NUMBER = 1.054

TUNNEL DYNAMIC PRESSURE(PSF) = 750.

TUNNEL STAGNATION PRESSURE(PSF) = 1946.

TUNNEL STATIC PRESSURE(PSF) = 964.

REYNOLDS NUMBER PER FOOT = 3.9910E 06

MODEL ANGLE OF ATTACK(DEG) = 0.08

FIN ANGLE(DEG) = -0.

FREE-STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 561.

SCANIVALUE	CP(REF)
147	-0.0713
247	-0.0733
347	-0.0723
447	-0.0723
547	-0.0673
647	-0.0673
747	-0.0123

ORF	CP	ORF	CP	ORF	CP
1	0.1687	52	-0.0343	102	-0.3063
2	-0.2673	53	-0.2343	103	-0.7933
3	-0.6253	54	-0.4093	104	0.0457
4	-0.5063	55	-0.1043	105	-0.6163
5	-0.3363	56	0.0417	110	-0.1443
6	-0.1353	57	0.0597	111	-0.1693
7	-0.0763	58	0.0447	112	-0.0943
8	-0.0483	59	0.0547	113	-0.0963
9	-0.0353	60	0.0517	114	0.0507
10	-0.0243	61	0.0347	115	0.0517
11	-0.0163	62	0.0067	116	0.0517
12	-0.0153	63	-0.0433	117	0.0507
13	-0.0323	64	-0.3883	118	0.0517
14	-0.1553	65	-0.4003	119	0.0507
15	-0.2483	66	0.0877	120	-0.1303
16	-0.1583	67	0.0897	121	0.0487
17	-0.3713	68	0.0877	122	0.0527
18	-0.4863	69	0.0807	123	0.0527
19	-0.2933	70	0.0617	124	0.0307
20	-0.0913	71	0.0417	125	-0.0363
21	-0.0403	72	0.0007	126	0.0177
22	-0.0253	73	-0.0713	127	-0.0103
23	-0.0203	74	-0.4173	128	0.0247
24	-0.0073	75	0.1387	129	-0.1533
25	-0.0063	76	0.1197	135	0.0207
26	-0.0083	77	0.0937	136	0.0137
27	-0.0313	78	0.0617	137	0.0247
28	-0.1513	79	0.0147	138	0.1517
29	-0.3073	80	-0.0393	139	0.1217
30	-0.2183	81	-0.1373	140	0.1497
32	-0.3103	82	-0.4283	141	0.2687
33	-0.0833	83	0.1407	142	0.2667
34	-0.0163	84	0.1027	143	0.2707
35	-0.0053	85	0.0447	145	0.0117
36	0.0047	86	-0.0063	147	0.2667
37	0.0007	87	-0.0463	151	-0.0643
38	0.0067	88	-0.1133	152	-0.2413
39	0.0037	89	-0.4353	153	-0.2593
40	-0.0273	90	0.0627	154	-0.3383
41	-0.1243	91	0.0137	155	-0.0653
42	-0.3683	92	-0.0213	156	0.0907
43	-0.2063	93	-0.0563	157	-0.0823
44	-0.2003	94	-0.1083	158	0.3797
45	-0.0383	95	-0.4373	159	0.2267
46	0.0217	96	-0.5933	160	0.1647
47	0.0257	97	-0.3923	161	0.0597
48	0.0277	98	0.0517	162	0.3437
49	0.0247	99	0.0967	163	0.2897
50	0.0277	100	-0.1273	164	0.1247
51	0.0057	101	-0.3393	165	-0.0003

ORF	CP	ORF	CP	ORF	CP
166	0.4207	217	0.0517	268	-0.2853
167	0.2337	218	0.0507	269	0.0817
168	0.2037	219	0.0517	270	0.1487
169	0.0827	220	0.0527	271	-0.3193
170	-0.0513	221	-0.1773	272	-0.3533
171	0.1607	222	-0.2393	273	0.0517
172	-0.0553	223	-0.3563	274	0.1377
173	-0.0353	224	-0.3463	275	0.3357
174	-0.1313	225	0.3127	276	0.3857
175	-0.2593	226	0.1867	277	0.2567
176	-0.3593	227	-0.9173	278	-0.8733
177	-0.2473	228	-0.8243	279	-0.8123
178	-0.3933	229	-0.6943	280	-0.7223
179	-0.4153	230	-0.4353	281	-0.5803
180	-0.2693	231	-0.2133	282	-0.3543
181	0.3897	232	-0.1343	283	-0.1143
182	0.5347	233	-0.0733	284	-0.0263
183	0.4477	234	-0.0503	285	0.0517
184	0.7147	235	-0.2123	286	-0.3223
185	0.7787	236	-0.2593	287	-0.3683
186	0.7957	237	-0.2963	288	-0.0013
187	0.8307	238	-0.2553	289	0.1297
188	0.8737	239	0.3127	290	0.0987
189	0.9247	240	0.2067	291	-0.7273
190	-0.2913	241	-0.9773	292	0.0217
191	-0.2703	242	-0.8853	325	0.0467
192	-0.2753	244	-0.4993	326	0.0477
193	-0.2703	245	-0.2273	327	0.0457
194	-0.2673	246	-0.1373	328	0.0467
195	-0.2643	247	-0.0603	329	0.0467
196	-0.2713	248	-0.0183	330	0.0467
197	-0.2663	249	-0.2013	331	0.0467
198	-0.2683	250	-0.2463	332	0.0467
199	-0.2703	251	-0.1783	333	0.0457
200	-0.2723	252	-0.1043	334	0.0457
201	-0.2633	253	0.3277	335	0.0467
202	-0.2683	254	0.1957	336	0.0467
203	-0.2703	255	-0.9843	337	0.0467
204	-0.2713	256	-0.9163	338	0.0467
205	0.2727	257	-0.8523	339	0.0467
206	0.2767	258	-0.6713	340	0.0467
207	0.3107	259	-0.2103	341	0.0467
208	0.2877	260	-0.1053	350	0.0517
210	0.2517	261	-0.0383	351	0.0527
211	0.3557	262	0.0117	352	0.0527
212	0.3907	263	-0.2613	353	0.0527
213	0.0497	264	-0.2463	354	0.0537
214	0.0507	265	0.0357	355	0.0517
215	0.0497	266	0.1227		
216	0.0497	267	-0.2743		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1804
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 307.
CONFIGURATION NO. = 13.
ANGLE OF MODEL ROLL(DEG) = 0.
MACH NUMBER = 0.898
TUNNEL DYNAMIC PRESSURE(PSF) = 684.
TUNNEL STAGNATION PRESSURE(PSF) = 2043.
TUNNEL STATIC PRESSURE(PSF) = 1210.
REYNOLDS NUMBER PER FOOT = 3.9920E 06
MODEL ANGLE OF ATTACK(DEG) = -12.08
FIN ANGLE(DEG) = -0.
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 561.

SCANVALUE	CP(REF)
147	-0.4370
247	-0.4390
347	-0.4380
447	-0.4380
547	-0.4420
647	-0.4430
747	-0.3780

ORF	CP	ORF	CP	ORF	CP
1	0.2130	52	-0.1540	102	-0.2340
2	-0.3000	53	-0.4370	103	-0.5230
3	-0.4890	54	-0.5750	104	-0.0030
4	-0.5000	55	0.1010	105	-0.3330
5	-0.4210	56	0.0740	110	-0.0630
6	-0.3080	57	0.0560	111	-0.0750
7	-0.1800	58	0.0300	112	-0.0480
8	-0.0760	59	0.0030	113	-0.0700
9	-0.0150	60	-0.0270	114	0.0120
10	0.0120	61	-0.0670	115	0.0110
11	0.0130	62	-0.1190	116	0.0110
12	-0.0030	63	-0.2020	117	0.0100
13	-0.0450	64	-0.6560	118	0.0070
14	-0.2150	65	-0.6580	119	0.0070
15	-0.2730	66	0.0890	120	-0.1760
16	-0.1320	67	0.0660	121	0.0080
17	-0.2630	68	0.0280	122	0.0120
18	-0.3010	69	-0.0060	123	0.0130
19	-0.1780	70	-0.0450	124	0.0030
20	-0.1500	71	-0.0920	125	-0.0710
21	-0.0790	72	-0.1510	126	-0.0350
22	-0.0290	73	-0.2490	127	-0.0540
23	-0.0010	74	-0.6730	128	-0.0030
24	0.0140	75	0.0750	129	-0.1570
25	0.0050	76	0.0290	135	0.0010
26	-0.0180	77	-0.0230	136	-0.0330
27	-0.0710	78	-0.0690	137	-0.0010
28	-0.2420	79	-0.1220	138	0.1130
29	-0.3330	80	-0.1800	139	0.1040
30	-0.1080	81	-0.3190	140	0.1200
32	-0.0840	82	-0.6730	141	0.1380
33	-0.0530	83	0.0320	142	0.1730
34	-0.0210	84	-0.0180	143	0.2060
35	0.0030	85	-0.0760	145	-0.0340
36	0.0110	86	-0.1250	147	0.1760
37	0.0060	87	-0.1770	151	0.0500
38	-0.0070	88	-0.2730	152	-0.1340
39	-0.0350	89	-0.6680	153	-0.1680
40	-0.0940	90	-0.0450	154	-0.2490
41	-0.2390	91	-0.0830	155	-0.0240
42	-0.4100	92	-0.1240	156	0.2140
43	0.0390	93	-0.1670	157	0.0190
44	0.0360	94	-0.2380	158	0.3840
45	0.0280	95	-0.6380	159	0.3350
46	0.0280	96	-0.4850	160	0.2840
47	0.0250	97	-0.6020	161	0.1430
48	0.0100	98	0.0420	162	0.4120
49	-0.0100	99	-0.0170	163	0.4150
50	-0.0380	100	-0.2770	164	0.1030
51	-0.0820	101	-0.2720	165	0.1010

ORF	CP	ORF	CP	ORF	CP
166	0.4160	217	-0.0150	268	-0.2680
167	0.3630	218	-0.0120	269	0.0730
168	0.3300	219	-0.0140	270	0.1670
169	0.1720	220	-0.0150	271	-0.2740
170	-0.0080	221	-0.1230	272	-0.3040
171	0.2830	222	-0.2130	273	-0.0850
172	0.0250	223	-0.4860	274	0.0330
173	0.0600	224	-0.3990	275	0.6590
174	-0.0320	225	0.8300	276	0.4770
175	-0.1450	226	0.5350	277	0.2970
176	-0.2870	227	-1.3220	278	-0.6550
177	-0.1450	228	-1.2240	279	-0.6500
178	-0.2350	229	-1.1140	280	-0.6530
179	-0.2860	230	-0.4670	281	-0.6270
180	-0.2450	231	-0.1350	282	-0.5050
181	0.2120	232	-0.0710	283	-0.2900
182	0.3450	233	-0.0140	284	0.0030
183	-0.0870	234	-0.0140	285	-0.0120
184	-0.0170	235	-0.3280	286	-0.2690
185	0.1260	236	-0.2860	287	-0.3250
186	0.3240	237	-0.2900	288	-0.1530
187	0.5020	238	-0.2300	289	0.0220
188	0.6500	239	0.5200	290	0.1560
189	0.7990	240	0.3620	291	-1.1700
190	-0.2150	241	-1.0170	292	-0.2890
191	-0.1820	242	-0.9010	325	-0.0020
192	-0.2130	244	-0.5640	326	-0.0020
193	-0.2190	245	-0.2690	327	-0.0050
194	-0.2200	246	-0.1250	328	-0.0080
195	-0.1920	247	-0.0380	329	-0.0060
196	-0.2350	248	-0.0290	330	-0.0050
197	-0.2210	249	-0.3010	331	-0.0020
198	-0.2250	250	-0.2520	332	-0.0030
199	-0.2280	251	-0.1420	333	-0.0060
200	-0.2050	252	-0.0580	334	-0.0060
201	-0.2050	253	0.4880	335	-0.0040
202	-0.2240	254	0.3020	336	-0.0050
203	-0.2210	255	-0.6770	337	-0.0010
204	-0.2130	256	-0.6720	338	-0.0040
205	0.3500	257	-0.6690	339	-0.0050
206	0.3500	258	-0.6520	340	-0.0070
207	0.4770	259	-0.5290	341	-0.0060
208	0.5340	260	-0.3030	350	0.0110
210	0.6000	261	0.0070	351	0.0110
211	0.8400	262	0.0130	352	0.0120
212	1.0280	263	-0.3240	353	0.0110
213	-0.0150	264	-0.2230	354	0.0110
214	-0.0150	265	0.0870	355	0.0110
215	-0.0130	266	0.1550		
216	-0.0130	267	-0.2880		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1805
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 307.
CONFIGURATION NO. = 13.
ANGLE OF MODEL ROLL(DEG) = 0.
MACH NUMBER = 0.900
TUNNEL DYNAMIC PRESSURE(PSF) = 686.
TUNNEL STAGNATION PRESSURE(PSF) = 2048.
TUNNEL STATIC PRESSURE(PSF) = 1211.
REYNOLDS NUMBER PER FOOT = 4.0040E 06
MODEL ANGLE OF ATTACK(DEG) = -8.12
FIN ANGLE(DEG) = -0.
FREE-STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 561.

SCANIVALUE	CP(REF)
147	-0.4383
247	-0.4403
347	-0.4383
447	-0.4393
547	-0.4403
647	-0.4403
747	-0.3923

ORF	CP	ORF	CP	ORF	CP
1	0.1657	52	-0.1863	102	-0.2853
2	-0.4513	53	-0.4623	103	-0.5603
3	-1.0493	54	-0.6273	104	-0.0063
4	-0.9253	55	0.0687	105	-0.3703
5	-0.4233	56	0.0427	110	-0.0753
6	-0.1813	57	0.0267	111	-0.0873
7	-0.0713	58	0.0017	112	-0.0503
8	-0.0023	59	-0.0273	113	-0.0623
9	0.0147	60	-0.0553	114	-0.0103
10	0.0087	61	-0.0973	115	-0.0053
11	-0.0053	62	-0.1513	116	-0.0053
12	-0.0253	63	-0.2333	117	-0.0063
13	-0.0653	64	-0.6763	118	-0.0103
14	-0.2503	65	-0.6823	119	-0.0073
15	-0.3303	66	0.0547	120	-0.1253
16	-0.3053	67	0.0277	121	-0.0083
17	-0.6003	68	-0.0073	122	-0.0083
18	-0.7993	69	-0.0413	123	-0.0103
19	-0.2783	70	-0.0803	124	0.0117
20	-0.0183	71	-0.1263	125	-0.0553
21	0.0107	72	-0.1843	126	-0.0223
22	0.0157	73	-0.2803	127	-0.0403
23	0.0087	74	-0.6973	128	-0.0013
24	-0.0013	75	0.0367	129	-0.1363
25	-0.0183	76	-0.0093	135	0.0007
26	-0.0423	77	-0.0603	136	-0.0193
27	-0.0923	78	-0.1093	137	0.0007
28	-0.2733	79	-0.1583	138	0.1077
29	-0.4113	80	-0.2183	139	0.0987
30	-0.3813	81	-0.3513	140	0.1047
32	-0.0593	82	-0.7003	141	0.1487
33	0.0227	83	0.0017	142	0.1717
34	0.0197	84	-0.0623	143	0.1897
35	0.0127	85	-0.1243	145	-0.0203
36	0.0047	86	-0.1673	147	0.1697
37	-0.0123	87	-0.2203	151	0.0177
38	-0.0303	88	-0.3113	152	-0.1783
39	-0.0613	89	-0.7003	153	-0.1743
40	-0.1223	90	-0.0973	154	-0.2093
41	-0.2713	91	-0.1303	155	-0.1243
42	-0.4893	92	-0.1743	156	0.1747
43	-0.0123	93	-0.2163	157	0.0067
44	0.0287	94	-0.2853	158	0.3257
45	0.0247	95	-0.6633	159	0.3087
46	0.0187	96	-1.0163	160	0.2537
47	0.0037	97	-0.6263	161	0.1237
48	-0.0113	98	0.0157	162	0.3237
49	-0.0353	99	-0.0553	163	0.3997
50	-0.0623	100	-0.3173	164	0.0957
51	-0.1133	101	-0.3183	165	0.1137

ORF	CP	ORF	CP	ORF	CP
166	0.3597	217	-0.0083	268	-0.3013
167	0.3237	218	-0.0053	269	-0.0263
168	0.2847	219	-0.0093	270	0.0777
169	0.1467	220	-0.0083	271	-0.3053
170	-0.1503	221	-0.0833	272	-0.3273
171	0.2737	222	-0.1833	273	-0.2283
172	0.0107	223	-0.4653	274	-0.1193
173	-0.0373	224	-0.4813	275	0.5717
174	-0.0613	225	0.7407	276	0.4347
175	-0.1203	226	0.4657	277	0.2567
176	-0.2453	227	-1.3253	278	-1.2813
177	-0.2313	228	-1.2233	279	-1.2433
178	-0.2773	229	-1.1143	280	-1.1783
179	-0.3273	230	-0.9293	281	-1.0393
180	-0.2213	231	-0.3993	282	-0.4843
181	0.3697	232	-0.0553	283	-0.1903
182	0.5087	233	-0.0203	284	0.0147
183	0.0197	234	-0.0283	285	-0.0093
184	0.1757	235	-0.3913	286	-0.2873
185	0.3747	236	-0.2933	287	-0.3393
186	0.6197	237	-0.3113	288	-0.2603
187	0.8167	238	-0.2273	289	-0.1183
188	0.9927	239	0.4367	290	0.0967
189	1.0737	240	0.2857	291	-1.0643
190	-0.2203	241	-1.3663	292	-0.2673
191	-0.1673	242	-1.2363	325	-0.0093
192	-0.2033	244	-0.8153	326	-0.0093
193	-0.2093	245	-0.3543	327	-0.0093
194	-0.2063	246	-0.1073	328	-0.0063
195	-0.1823	247	-0.0333	329	-0.0063
196	-0.2293	248	-0.0323	330	-0.0063
197	-0.2023	249	-0.3583	331	-0.0093
198	-0.2023	250	-0.2973	332	-0.0083
199	-0.2123	251	-0.1553	333	-0.0043
200	-0.1933	252	-0.0653	334	-0.0063
201	-0.1923	253	0.4247	335	-0.0063
202	-0.1983	254	0.2487	336	-0.0083
203	-0.2043	255	-1.3763	337	-0.0093
204	-0.1933	256	-1.3133	338	-0.0103
205	0.2627	257	-1.2493	339	-0.0093
206	0.2627	258	-1.1103	340	-0.0063
207	0.3797	259	-0.4093	341	-0.0083
208	0.4287	260	-0.0883	350	-0.0053
210	0.3687	261	0.0027	351	-0.0073
211	0.8257	262	0.0017	352	-0.0083
212	1.0347	263	-0.3863	353	-0.0103
213	-0.0073	264	-0.2623	354	-0.0103
214	-0.0083	265	0.0287	355	-0.0083
215	-0.0113	266	0.0957		
216	-0.0093	267	-0.3483		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1806
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 307.
CONFIGURATION NO. = 13.
ANGLE OF MODEL ROLL(DEG) = 0.
MACH NUMBER = 0.895
TUNNEL DYNAMIC PRESSURE(PSF) = 682.
TUNNEL STAGNATION PRESSURE(PSF) = 2047.
TUNNEL STATIC PRESSURE(PSF) = 1217.
REYNOLDS NUMBER PER FOOT = 3.9960E 06
MODEL ANGLE OF ATTACK(DEG) = -3.99
FIN ANGLE(DEG) = -0.
FREE-STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 561.

SCANIVALUE	CP(REF)
147	-0.4495
247	-0.4505
347	-0.4505
447	-0.4505
547	-0.4515
647	-0.4525
747	-0.3945

ORF	CP	ORF	CP	ORF	CP
1	0.0755	52	-0.2265	102	-0.2715
2	-0.4985	53	-0.4935	103	-0.5265
3	-0.9825	54	-0.6295	104	0.0025
4	-0.8255	55	0.0215	105	-0.3465
5	-0.3445	56	-0.0035	110	-0.0645
6	-0.1725	57	-0.0265	111	-0.0795
7	-0.1035	58	-0.0525	112	-0.0355
8	-0.0765	59	-0.0765	113	-0.0525
9	-0.0745	60	-0.1055	114	-0.0025
10	-0.0795	61	-0.1425	115	-0.0045
11	-0.0835	62	-0.1925	116	-0.0055
12	-0.1015	63	-0.2695	117	-0.0075
13	-0.1375	64	-0.7055	118	-0.0065
14	-0.3005	65	-0.7075	119	-0.0055
15	-0.3345	66	0.0085	120	-0.0805
16	-0.3565	67	-0.0235	121	-0.0015
17	-0.6295	68	-0.0555	122	-0.0045
18	-0.8015	69	-0.0865	123	-0.0035
19	-0.2215	70	-0.1235	124	0.0325
20	-0.0695	71	-0.1635	125	-0.0305
21	-0.0545	72	-0.2195	126	-0.0035
22	-0.0615	73	-0.3155	127	-0.0185
23	-0.0615	74	-0.7265	128	0.0175
24	-0.0775	75	-0.0055	129	-0.1055
25	-0.0885	76	-0.0545	135	0.0195
26	-0.1105	77	-0.0985	136	0.0055
27	-0.1595	78	-0.1465	137	0.0175
28	-0.3205	79	-0.1995	138	0.1165
29	-0.3975	80	-0.2545	139	0.1065
30	-0.4295	81	-0.3825	140	0.1125
32	-0.0595	82	-0.7265	141	0.1585
33	-0.0245	83	-0.0415	142	0.1645
34	-0.0335	84	-0.1035	143	0.1725
35	-0.0495	85	-0.1645	145	0.0035
36	-0.0615	86	-0.2105	147	0.1665
37	-0.0715	87	-0.2575	151	-0.0105
38	-0.0915	88	-0.3485	152	-0.1485
39	-0.1195	89	-0.7205	153	-0.1475
40	-0.1725	90	-0.1515	154	-0.1905
41	-0.3105	91	-0.1755	155	-0.1055
42	-0.4695	92	-0.2165	156	0.1615
43	-0.0245	93	-0.2615	157	0.0065
44	-0.0125	94	-0.3245	158	0.2865
45	-0.0275	95	-0.6745	159	0.2925
46	-0.0385	96	-0.9605	160	0.2465
47	-0.0525	97	-0.6615	161	0.1295
48	-0.0705	98	-0.0375	162	0.2605
49	-0.0905	99	-0.0945	163	0.3535
50	-0.1145	100	-0.3555	164	0.1065
51	-0.1615	101	-0.3065	165	0.1155

ORF	CP	ORF	CP	ORF	CP
166	0.2995	217	0.0005	268	-0.2905
167	0.3095	218	-0.0005	269	-0.0455
168	0.2775	219	0.0015	270	0.0495
169	0.1475	220	0.0005	271	-0.2975
170	-0.1135	221	-0.1565	272	-0.3125
171	0.2495	222	-0.2345	273	-0.2205
172	0.0115	223	-0.4375	274	-0.0985
173	-0.0325	224	-0.4885	275	0.2165
174	-0.0435	225	0.4765	276	0.3555
175	-0.1145	226	0.2535	277	0.1725
176	-0.2215	227	-1.3665	278	-1.2825
177	-0.1925	228	-1.2565	279	-1.2015
178	-0.2575	229	-1.1325	280	-1.0955
179	-0.3095	230	-0.8595	281	-0.9455
180	-0.1935	231	-0.3305	282	-0.4415
181	0.3185	232	-0.1595	283	-0.1675
182	0.3975	233	-0.1175	284	-0.0785
183	0.0845	234	-0.1245	285	-0.0035
184	0.2675	235	-0.3485	286	-0.2945
185	0.4025	236	-0.2805	287	-0.3255
186	0.5455	237	-0.2615	288	-0.2465
187	0.6895	238	-0.2045	289	-0.1265
188	0.8535	239	0.2505	290	0.0545
189	0.9295	240	0.1245	291	-1.0065
190	-0.2125	241	-1.3785	292	-0.2455
191	-0.1625	242	-1.2405	325	0.0045
192	-0.1885	244	-0.6885	326	0.0035
193	-0.1855	245	-0.3655	327	0.0035
194	-0.1775	246	-0.2005	328	0.0035
195	-0.1655	247	-0.1285	329	0.0035
196	-0.1995	248	-0.1185	330	0.0035
197	-0.1765	249	-0.3425	331	0.0045
198	-0.1775	250	-0.2675	332	0.0035
199	-0.1895	251	-0.1595	333	0.0045
200	-0.1705	252	-0.0905	334	0.0045
201	-0.1725	253	0.2905	335	0.0035
202	-0.1755	254	0.1375	336	0.0045
203	-0.1755	255	-1.3925	337	0.0045
204	-0.1705	256	-1.2925	338	0.0035
205	0.1665	257	-1.2095	339	0.0035
206	0.1665	258	-1.0135	340	0.0035
207	0.2455	259	-0.3265	341	0.0035
208	0.2685	260	-0.1465	350	-0.0045
210	0.1295	261	-0.0835	351	-0.0035
211	0.5925	262	-0.0805	352	-0.0075
212	0.7895	263	-0.3855	353	-0.0075
213	0.0025	264	-0.2475	354	-0.0065
214	0.0015	265	-0.0005	355	-0.0025
215	-0.0005	266	0.0615		
216	-0.0015	267	-0.3455		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1807

TUNNEL = 11

TEST NO. = 086

TEST PHASE = 2

RUN NUMBER = 307.

CONFIGURATION NO. = 13.

ANGLE OF MODEL ROLL(DEG) = 0.

MACH NUMBER = 0.895

TUNNEL DYNAMIC PRESSURE(PSF) = 681.

TUNNEL STAGNATION PRESSURE(PSF) = 2043.

TUNNEL STATIC PRESSURE(PSF) = 1214.

REYNOLDS NUMBER PER FOOT = 3.9870E 06

MODEL ANGLE OF ATTACK(DEG) = 0.10

FIN ANGLE(DEG) = -0.

FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 561.

SCANIVALUE	CP(REF)
147	-0.4467
247	-0.4467
347	-0.4477
447	-0.4467
547	-0.4497
647	-0.4497
747	-0.4037

ORF	CP	ORF	CP	ORF	CP
1	-0.0897	52	-0.2897	102	-0.2757
2	-0.5427	53	-0.5407	103	-0.5197
3	-0.6267	54	-0.4917	104	0.0033
4	-0.4117	55	-0.0657	105	-0.3637
5	-0.3137	56	-0.0957	110	-0.0637
6	-0.2627	57	-0.1117	111	-0.0857
7	-0.2317	58	-0.1347	112	-0.0407
8	-0.2097	59	-0.1567	113	-0.0667
9	-0.2117	60	-0.1777	114	-0.0007
10	-0.2057	61	-0.2037	115	0.0023
11	-0.2077	62	-0.2467	116	0.0013
12	-0.2127	63	-0.3177	117	-0.0007
13	-0.2427	64	-0.7327	118	-0.0017
14	-0.3487	65	-0.7217	119	0.0003
15	-0.3337	66	-0.0687	120	-0.0657
16	-0.4207	67	-0.0937	121	-0.0007
17	-0.4847	68	-0.1267	122	-0.0007
18	-0.2747	69	-0.1527	123	-0.0007
19	-0.2427	70	-0.1827	124	0.0473
20	-0.2157	71	-0.2217	125	-0.0277
21	-0.2037	72	-0.2707	126	0.0003
22	-0.1947	73	-0.3587	127	-0.0137
23	-0.1927	74	-0.7477	128	0.0203
24	-0.1927	75	-0.0797	129	-0.0957
25	-0.2027	76	-0.1167	135	0.0243
26	-0.2207	77	-0.1567	136	0.0103
27	-0.2537	78	-0.1997	137	0.0183
28	-0.3687	79	-0.2537	138	0.1133
29	-0.3497	80	-0.2987	139	0.1073
30	-0.3407	81	-0.4207	140	0.1133
32	-0.1867	82	-0.7417	141	0.1593
33	-0.1767	83	-0.0947	142	0.1613
34	-0.1757	84	-0.1567	143	0.1603
35	-0.1757	85	-0.2237	145	0.0093
36	-0.1787	86	-0.2567	147	0.1613
37	-0.1847	87	-0.3017	151	-0.0657
38	-0.1947	88	-0.3817	152	-0.1467
39	-0.2187	89	-0.7177	153	-0.1597
40	-0.2617	90	-0.2107	154	-0.1927
41	-0.3787	91	-0.2247	155	-0.0897
42	-0.3877	92	-0.2677	156	0.1083
43	-0.1107	93	-0.3027	157	-0.0237
44	-0.1227	94	-0.3677	158	0.1463
45	-0.1387	95	-0.6767	159	0.1953
46	-0.1437	96	-0.7077	160	0.1543
47	-0.1517	97	-0.6607	161	0.0623
48	-0.1627	98	-0.1207	162	0.1443
49	-0.1767	99	-0.1497	163	0.1933
50	-0.1987	100	-0.3947	164	0.1053
51	-0.2377	101	-0.2997	165	0.0313

ORF	CP	ORF	CP	ORF	CP
166	0.1643	217	-0.0037	268	-0.2837
167	0.2013	218	0.0003	269	-0.0807
168	0.1753	219	-0.0017	270	-0.0097
169	0.0773	220	-0.0007	271	-0.2927
170	-0.0847	221	-0.2757	272	-0.3197
171	0.1703	222	-0.3017	273	-0.1817
172	-0.0217	223	-0.4367	274	-0.0907
173	-0.0637	224	-0.4537	275	0.0353
174	-0.0987	225	0.0963	276	0.1503
175	-0.1597	226	-0.0367	277	0.0043
176	-0.2257	227	-1.0577	278	-1.0867
177	-0.1797	228	-0.9187	279	-0.9807
178	-0.2767	229	-0.7877	280	-0.8317
179	-0.2997	230	-0.5567	281	-0.5787
180	-0.1877	231	-0.3707	282	-0.3477
181	0.2933	232	-0.2947	283	-0.2527
182	0.3673	233	-0.2517	284	-0.2057
183	0.2323	234	-0.2327	285	-0.0017
184	0.5143	235	-0.3077	286	-0.2987
185	0.6153	236	-0.2857	287	-0.3407
186	0.7213	237	-0.2547	288	-0.2157
187	0.7963	238	-0.2047	289	-0.1187
188	0.8573	239	0.1023	290	0.0073
189	0.8923	240	-0.0167	291	-0.7837
190	-0.1987	241	-0.9487	292	-0.1917
191	-0.1707	242	-0.9267	325	0.0003
192	-0.1857	244	-0.6387	326	0.0013
193	-0.1817	245	-0.3827	327	0.0023
194	-0.1767	246	-0.2987	328	0.0013
195	-0.1787	247	-0.2447	329	0.0033
196	-0.1927	248	-0.2227	330	0.0043
197	-0.1797	249	-0.3147	331	0.0023
198	-0.1837	250	-0.2587	332	0.0033
199	-0.1817	251	-0.1877	333	0.0023
200	-0.1807	252	-0.1327	334	0.0043
201	-0.1777	253	0.1513	335	0.0063
202	-0.1787	254	0.0113	336	0.0043
203	-0.1747	255	-1.1927	337	0.0013
204	-0.1727	256	-1.1287	338	0.0013
205	0.0563	257	-0.9537	339	0.0033
206	0.0583	258	-0.6797	340	0.0023
207	0.0913	259	-0.3637	341	0.0033
208	0.0743	260	-0.2607	350	-0.0007
210	0.0223	261	-0.2137	351	-0.0017
211	0.1383	262	-0.1957	352	0.0003
212	0.1683	263	-0.3657	353	0.0003
213	-0.0027	264	-0.2397	354	-0.0027
214	-0.0017	265	-0.0477	355	-0.0047
215	-0.0027	266	0.0063		
216	-0.0027	267	-0.3327		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1808
 TUNNEL = 11
 TEST NO. = 086
 TEST PHASE = 2
 RUN NUMBER = 307.
 CONFIGURATION NO. = 13.
 ANGLE OF MODEL ROLL(DEG) = 0.
 MACH NUMBER = 0.894
 TUNNEL DYNAMIC PRESSURE(PSF) = 680.
 TUNNEL STAGNATION PRESSURE(PSF) = 2043.
 TUNNEL STATIC PRESSURE(PSF) = 1216.
 REYNOLDS NUMBER PER FOOT = 3.9840E 06
 MODEL ANGLE OF ATTACK(DEG) = 4.01
 FIN ANGLE(DEG) = -0.
 FREE STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 561.

SCANIVALUE	CP(REF)
147	-0.4492
247	-0.4512
347	-0.4502
447	-0.4492
547	-0.4522
647	-0.4522
747	-0.4082

ORF	CP	ORF	CP	ORF	CP
1	-0.1642	52	-0.3242	102	-0.2622
2	-0.4652	53	-0.5072	103	-0.4722
3	-0.4642	54	-0.3702	104	0.0378
4	-0.3732	55	-0.1512	105	-0.3372
5	-0.3282	56	-0.1752	110	-0.0692
6	-0.2922	57	-0.1822	111	-0.0992
7	-0.2792	58	-0.2062	112	-0.0452
8	-0.2592	59	-0.2192	113	-0.0732
9	-0.2562	60	-0.2352	114	0.0328
10	-0.2552	61	-0.2582	115	0.0298
11	-0.2512	62	-0.2852	116	0.0298
12	-0.2522	63	-0.3522	117	0.0338
13	-0.2792	64	-0.6432	118	0.0328
14	-0.3482	65	-0.4912	119	0.0328
15	-0.3082	66	-0.1502	120	-0.0652
16	-0.3362	67	-0.1722	121	0.0308
17	-0.3382	68	-0.1902	122	0.0308
18	-0.3142	69	-0.2162	123	0.0318
19	-0.2872	70	-0.2362	124	-0.0012
20	-0.2692	71	-0.2612	125	-0.0302
21	-0.2572	72	-0.3092	126	-0.0002
22	-0.2492	73	-0.4012	127	-0.0172
23	-0.2482	74	-0.5132	128	0.0198
24	-0.2492	75	-0.1602	129	-0.1052
25	-0.2592	76	-0.1812	135	0.0208
26	-0.2692	77	-0.2162	136	0.0088
27	-0.2922	78	-0.2442	137	0.0188
28	-0.3622	79	-0.2852	138	0.1138
29	-0.3092	80	-0.3302	139	0.1108
30	-0.2572	81	-0.4672	140	0.1138
32	-0.2492	82	-0.4872	141	0.1568
33	-0.2392	83	-0.1642	142	0.1568
34	-0.2342	84	-0.2062	143	0.1518
35	-0.2352	85	-0.2512	145	0.0078
36	-0.2392	86	-0.2782	147	0.1568
37	-0.2422	87	-0.3222	151	-0.1042
38	-0.2512	88	-0.4092	152	-0.1572
39	-0.2692	89	-0.4562	153	-0.1672
40	-0.2942	90	-0.2432	154	-0.1822
41	-0.3712	91	-0.2532	155	-0.0552
42	-0.3252	92	-0.2822	156	0.0578
43	-0.1852	93	-0.3182	157	-0.0512
44	-0.1942	94	-0.3802	158	0.0938
45	-0.2032	95	-0.3422	159	0.0978
46	-0.2072	96	-0.4412	160	0.0698
47	-0.2142	97	-0.5162	161	-0.0002
48	-0.2262	98	-0.1942	162	0.0428
49	-0.2382	99	-0.2072	163	0.0678
50	-0.2552	100	-0.4202	164	0.1068
51	-0.2792	101	-0.2822	165	-0.0402

ORF	CP	ORF	CP	ORF	CP
166	0.0928	217	0.0338	268	-0.2632
167	0.1038	218	0.0308	269	-0.0862
168	0.0818	219	0.0308	270	-0.0422
169	0.0048	220	0.0318	271	-0.2852
170	-0.0182	221	-0.3212	272	-0.2982
171	0.0828	222	-0.3182	273	-0.1442
172	-0.0612	223	-0.4492	274	-0.1042
173	-0.0742	224	-0.4112	275	-0.0312
174	-0.1212	225	-0.1692	276	0.0488
175	-0.1832	226	-0.3112	277	-0.0862
176	-0.1962	227	-1.0352	278	-0.8942
177	-0.2042	228	-1.0192	279	-0.7732
178	-0.3072	229	-0.9722	280	-0.6852
179	-0.3012	230	-0.7632	281	-0.4862
180	-0.1722	231	-0.6362	282	-0.3392
181	0.0998	232	-0.6212	283	-0.2882
182	0.1608	233	-0.3872	284	-0.2582
183	0.3118	234	-0.2862	285	0.0298
184	0.5698	235	-0.2932	286	-0.2842
185	0.6628	236	-0.2722	287	-0.3282
186	0.7798	237	-0.2502	288	-0.1662
187	0.8818	238	-0.2022	289	-0.0982
188	0.9638	239	0.0538	290	-0.0192
189	0.9948	240	-0.0742	291	-1.1462
190	-0.2052	241	-0.8982	292	-0.0732
191	-0.1782	242	-0.8722	325	0.0388
192	-0.1762	244	-0.6532	326	0.0378
193	-0.1782	245	-0.4212	327	0.0378
194	-0.1722	246	-0.3412	328	0.0388
195	-0.1762	247	-0.3192	329	0.0338
196	-0.1782	248	-0.2822	330	0.0358
197	-0.1722	249	-0.3022	331	0.0378
198	-0.1732	250	-0.2452	332	0.0388
199	-0.1732	251	-0.1762	333	0.0388
200	-0.1812	252	-0.1522	334	0.0338
201	-0.1752	253	0.0798	335	0.0358
202	-0.1692	254	-0.0702	336	0.0358
203	-0.1702	255	-0.8592	337	0.0388
204	-0.1792	256	-0.8422	338	0.0368
205	0.0088	257	-0.8022	339	0.0388
206	0.0128	258	-0.6882	340	0.0388
207	0.0318	259	-0.4222	341	0.0348
208	0.0238	260	-0.3022	350	0.0358
210	0.0568	261	-0.2722	351	0.0328
211	0.2628	262	-0.2472	352	0.0338
212	0.3418	263	-0.3312	353	0.0298
213	0.0308	264	-0.2272	354	0.0328
214	0.0328	265	-0.0532	355	0.0348
215	0.0328	266	-0.0202		
216	0.0328	267	-0.3112		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1809
 TUNNEL = 11
 TEST NO. = 086
 TEST PHASE = 2
 RUN NUMBER = 307.
 CONFIGURATION NO. = 13.
 ANGLE OF MODEL ROLL(DEG) = 0.
 MACH NUMBER = 0.894
 TUNNEL DYNAMIC PRESSURE(PSF) = 680.
 TUNNEL STAGNATION PRESSURE(PSF) = 2043.
 TUNNEL STATIC PRESSURE(PSF) = 1216.
 REYNOLDS NUMBER PER FOOT = 3.9810E 06
 MODEL ANGLE OF ATTACK(DEG) = 7.96
 FIN ANGLE(DEG) = -0.
 FREE-STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 562.

SCANIVALUE	CP(REF)
147	-0.4492
247	-0.4512
347	-0.4502
447	-0.4492
547	-0.4542
647	-0.4542
747	-0.3942

ORF	CP	ORF	CP	ORF	CP
1	-0.2102	52	-0.3572	102	-0.3122
2	-0.4972	53	-0.5332	103	-0.5112
3	-0.4672	54	-0.4212	104	0.0468
4	-0.4162	55	-0.2192	105	-0.3802
5	-0.3642	56	-0.2322	110	-0.0922
6	-0.3452	57	-0.2362	111	-0.1322
7	-0.3222	58	-0.2572	112	-0.0682
8	-0.3072	59	-0.2722	113	-0.1122
9	-0.3102	60	-0.2742	114	0.0498
10	-0.3092	61	-0.3002	115	0.0498
11	-0.3062	62	-0.3282	116	0.0498
12	-0.3092	63	-0.3912	117	0.0508
13	-0.3252	64	-0.6382	118	0.0518
14	-0.3792	65	-0.5172	119	0.0518
15	-0.3492	66	-0.2102	120	-0.0842
16	-0.4092	67	-0.2302	121	0.0468
17	-0.4042	68	-0.2412	122	0.0508
18	-0.3812	69	-0.2592	123	0.0518
19	-0.3582	70	-0.2822	124	-0.0282
20	-0.3482	71	-0.3072	125	-0.0502
21	-0.3282	72	-0.3432	126	-0.0232
22	-0.3192	73	-0.4282	127	-0.0422
23	-0.3122	74	-0.5142	128	-0.0032
24	-0.3032	75	-0.1872	129	-0.1272
25	-0.3172	76	-0.2082	135	-0.0052
26	-0.3232	77	-0.2382	136	-0.0142
27	-0.3342	78	-0.2722	137	-0.0022
28	-0.3952	79	-0.2952	138	0.1058
29	-0.3572	80	-0.3472	139	0.0988
30	-0.3142	81	-0.4742	140	0.1028
32	-0.3062	82	-0.4662	141	0.1398
33	-0.3022	83	-0.2002	142	0.1328
34	-0.2902	84	-0.2302	143	0.0958
35	-0.2892	85	-0.2592	145	-0.0142
36	-0.2892	86	-0.2932	147	0.1258
37	-0.2922	87	-0.3282	151	-0.1242
38	-0.2952	88	-0.4122	152	-0.1832
39	-0.3002	89	-0.4042	153	-0.2082
40	-0.3192	90	-0.2872	154	-0.2112
41	-0.3912	91	-0.3002	155	-0.0512
42	-0.3512	92	-0.3072	156	0.0048
43	-0.2392	93	-0.3282	157	-0.0942
44	-0.2452	94	-0.3722	158	0.0338
45	-0.2462	95	-0.3442	159	0.0458
46	-0.2512	96	-0.4792	160	0.0038
47	-0.2562	97	-0.5362	161	-0.0522
48	-0.2622	98	-0.2452	162	-0.0292
49	-0.2742	99	-0.2562	163	-0.0012
50	-0.2882	100	-0.4242	164	0.0998
51	-0.3142	101	-0.3292	165	-0.0862

ORF	CP	ORF	CP	ORF	CP
166	0.0358	217	0.0488	268	-0.2782
167	0.0468	218	0.0468	269	-0.1042
168	0.0228	219	0.0478	270	-0.0732
169	-0.0462	220	0.0528	271	-0.3102
170	-0.0282	221	-0.4302	272	-0.3282
171	0.0228	222	-0.3832	273	-0.1562
172	-0.0972	223	-0.5242	274	-0.1162
173	-0.1072	224	-0.4392	275	-0.0832
174	-0.1592	225	-0.3442	276	-0.0092
175	-0.2292	226	-0.4782	277	-0.1332
176	-0.2352	227	-1.0922	278	-0.8392
177	-0.2372	228	-1.0652	279	-0.7832
178	-0.3062	229	-1.0542	280	-0.6692
179	-0.2742	230	-1.0342	281	-0.4772
180	-0.1842	231	-0.8362	282	-0.3682
181	-0.0622	232	-0.7452	283	-0.3272
182	0.0708	233	-0.5192	284	-0.3002
183	0.5058	234	-0.3682	285	0.0498
184	0.7608	235	-0.3522	286	-0.3082
185	0.7428	236	-0.3112	287	-0.3492
186	0.7008	237	-0.2672	288	-0.1782
187	0.7758	238	-0.2242	289	-0.1202
188	0.9268	239	0.0078	290	-0.0502
189	1.0258	240	-0.1282	291	-1.1522
190	-0.2292	241	-0.9712	292	-0.0052
191	-0.2272	242	-0.9342	325	0.0548
192	-0.2132	244	-0.7432	326	0.0538
193	-0.2132	245	-0.5122	327	0.0518
194	-0.2072	246	-0.4222	328	0.0538
195	-0.2252	247	-0.3602	329	0.0528
196	-0.2072	248	-0.3252	330	0.0528
197	-0.2082	249	-0.3142	331	0.0548
198	-0.2062	250	-0.2602	332	0.0528
199	-0.2072	251	-0.2112	333	0.0548
200	-0.2232	252	-0.1742	334	0.0538
201	-0.2082	253	0.0248	335	0.0538
202	-0.1942	254	-0.1292	336	0.0528
203	-0.2092	255	-0.9382	337	0.0558
204	-0.2082	256	-0.9202	338	0.0538
205	-0.0542	257	-0.8552	339	0.0518
206	-0.0562	258	-0.6932	340	0.0548
207	-0.0062	259	-0.4472	341	0.0528
208	-0.0152	260	-0.3552	350	0.0498
210	0.0958	261	-0.3192	351	0.0518
211	0.2348	262	-0.2792	352	0.0478
212	0.3248	263	-0.3462	353	0.0498
213	0.0468	264	-0.2442	354	0.0508
214	0.0478	265	-0.0962	355	0.0498
215	0.0468	266	-0.0552		
216	0.0478	267	-0.3392		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1810
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 307.
CONFIGURATION NO. = 13.
ANGLE OF MODEL ROLL(DEG) = 0.
MACH NUMBER = 0.893
TUNNEL DYNAMIC PRESSURE(PSF) = 679.
TUNNEL STAGNATION PRESSURE(PSF) = 2043.
TUNNEL STATIC PRESSURE(PSF) = 1217.
REYNOLDS NUMBER PER FOOT = 3.9810E 06
MODEL ANGLE OF ATTACK(DEG) = 11.96
FIN ANGLE(DEG) = -0.
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 561.

SCANIVALUE	CP(REF)
147	-0.4523
247	-0.4533
347	-0.4533
447	-0.4533
547	-0.4593
647	-0.4603
747	-0.4203

ORF	CP	ORF	CP	ORF	CP
1	-0.2193	52	-0.3663	102	-0.3443
2	-0.5613	53	-0.5663	103	-0.5763
3	-0.6133	54	-0.4613	104	0.0437
4	-0.4963	55	-0.2283	105	-0.4223
5	-0.4343	56	-0.2383	110	-0.1343
6	-0.3953	57	-0.2513	111	-0.1803
7	-0.3593	58	-0.2583	112	-0.1063
8	-0.3323	59	-0.2703	113	-0.1493
9	-0.3383	60	-0.2743	114	0.0417
10	-0.3383	61	-0.3013	115	0.0447
11	-0.3333	62	-0.3263	116	0.0447
12	-0.3283	63	-0.3843	117	0.0437
13	-0.3523	64	-0.7133	118	0.0407
14	-0.4133	65	-0.6113	119	0.0427
15	-0.3843	66	-0.2233	120	-0.1253
16	-0.4933	67	-0.2143	121	0.0367
17	-0.5673	68	-0.2273	122	0.0417
18	-0.5023	69	-0.2493	123	0.0417
19	-0.4183	70	-0.2773	124	-0.0543
20	-0.3803	71	-0.2953	125	-0.0923
21	-0.3603	72	-0.3283	126	-0.0643
22	-0.3423	73	-0.4113	127	-0.0813
23	-0.3393	74	-0.6583	128	-0.0383
24	-0.3373	75	-0.2193	129	-0.1763
25	-0.3363	76	-0.2083	135	-0.0343
26	-0.3373	77	-0.2313	136	-0.0493
27	-0.3553	78	-0.2643	137	-0.0373
28	-0.4323	79	-0.2963	138	0.0797
29	-0.3893	80	-0.3383	139	0.0727
30	-0.4503	81	-0.4683	140	0.0737
32	-0.3493	82	-0.6493	141	0.1117
33	-0.3393	83	-0.1833	142	0.0947
34	-0.3273	84	-0.2083	143	0.0747
35	-0.3173	85	-0.2493	145	-0.0523
36	-0.3213	86	-0.2833	147	0.0957
37	-0.3143	87	-0.3233	151	-0.1403
38	-0.3243	88	-0.4233	152	-0.2043
39	-0.3273	89	-0.5963	153	-0.2343
40	-0.3553	90	-0.2973	154	-0.2513
41	-0.4323	91	-0.2993	155	-0.0243
42	-0.3973	92	-0.3093	156	0.0037
43	-0.2633	93	-0.3383	157	-0.1163
44	-0.2573	94	-0.3993	158	0.0517
45	-0.2573	95	-0.5083	159	0.0677
46	-0.2693	96	-0.6583	160	0.0187
47	-0.2733	97	-0.5823	161	-0.0593
48	-0.2863	98	-0.2583	162	-0.0233
49	-0.2853	99	-0.2473	163	0.0157
50	-0.2973	100	-0.4373	164	0.0737
51	-0.3273	101	-0.3623	165	-0.0973

ORF	CP	ORF	CP	ORF	CP
166	0.0467	217	0.0427	268	-0.3113
167	0.0637	218	0.0427	269	-0.1253
168	0.0277	219	0.0387	270	-0.0813
169	-0.0383	220	0.0407	271	-0.3643
170	-0.0003	221	-0.4393	272	-0.3683
171	0.0237	222	-0.5213	273	-0.1693
172	-0.1163	223	-0.4923	274	-0.1323
173	-0.1193	224	-0.4343	275	-0.1293
174	-0.1813	225	-0.5443	276	-0.0043
175	-0.2533	226	-0.6433	277	-0.1293
176	-0.2693	227	-1.2753	278	-1.0783
177	-0.2493	228	-1.2133	279	-0.9623
178	-0.3233	229	-1.2033	280	-0.8203
179	-0.2913	230	-1.1673	281	-0.5953
180	-0.2333	231	-0.9853	282	-0.4663
181	-0.1883	232	-0.8173	283	-0.3903
182	-0.1043	233	-0.5873	284	-0.3363
183	0.2797	234	-0.4503	285	0.0407
184	0.4467	235	-0.4323	286	-0.3543
185	0.5317	236	-0.3613	287	-0.4073
186	0.6327	237	-0.2953	288	-0.2083
187	0.7887	238	-0.2433	289	-0.1243
188	0.9297	239	-0.0153	290	-0.0623
189	1.0187	240	-0.1503	291	-1.1503
190	-0.2583	241	-1.0673	292	-0.0033
191	-0.2573	242	-1.0423	325	0.0497
192	-0.2183	244	-0.8843	326	0.0507
193	-0.2263	245	-0.6143	327	0.0507
194	-0.2273	246	-0.4953	328	0.0497
195	-0.2543	247	-0.4223	329	0.0497
196	-0.2323	248	-0.3543	330	0.0477
197	-0.2293	249	-0.3413	331	0.0527
198	-0.2303	250	-0.2903	332	0.0517
199	-0.2273	251	-0.2383	333	0.0517
200	-0.2543	252	-0.2053	334	0.0507
201	-0.2403	253	0.0287	335	0.0487
202	-0.2163	254	-0.1213	336	0.0497
203	-0.2323	255	-1.3033	337	0.0507
204	-0.2453	256	-1.1623	338	0.0507
205	-0.0923	257	-1.0163	339	0.0507
206	-0.0863	258	-0.8043	340	0.0507
207	-0.0153	259	-0.5153	341	0.0477
208	-0.0433	260	-0.4083	350	0.0427
210	0.0957	261	-0.3613	351	0.0437
211	0.2977	262	-0.3153	352	0.0407
212	0.4367	263	-0.4013	353	0.0407
213	0.0407	264	-0.2703	354	0.0417
214	0.0447	265	-0.1033	355	0.0417
215	0.0417	266	-0.0533		
216	0.0417	267	-0.3933		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1811
 TUNNEL = 11
 TEST NO. = 086
 TEST PHASE = 2
 RUN NUMBER = 307.
 CONFIGURATION NO. = 13.
 ANGLE OF MODEL ROLL(DEG) = 0.
 MACH NUMBER = 0.898
 TUNNEL DYNAMIC PRESSURE(PSF) = 683.
 TUNNEL STAGNATION PRESSURE(PSF) = 2043.
 TUNNEL STATIC PRESSURE(PSF) = 1210.
 REYNOLDS NUMBER PER FOOT = 3.9930E 06
 MODEL ANGLE OF ATTACK(DEG) = 0.09
 FIN ANGLE(DEG) = -0.
 FREE^oSTREAM TOTAL TEMPERATURE(DEG. RANKINE) = 561.

SCANIVALUE	CP(REF)
147	-0.4396
247	-0.4416
347	-0.4406
447	-0.4396
547	-0.4396
647	-0.4406
747	-0.3966

ORF	CP	ORF	CP	ORF	CP
1	-0.0916	52	-0.2856	102	-0.2806
2	-0.5406	53	-0.5346	103	-0.5296
3	-0.6626	54	-0.5036	104	0.0044
4	-0.4206	55	-0.0626	105	-0.3606
5	-0.3096	56	-0.0906	110	-0.0536
6	-0.2606	57	-0.1076	111	-0.0766
7	-0.2316	58	-0.1316	112	-0.0336
8	-0.2056	59	-0.1516	113	-0.0566
9	-0.2066	60	-0.1746	114	0.0064
10	-0.1986	61	-0.2056	115	0.0074
11	-0.2016	62	-0.2456	116	0.0084
12	-0.2086	63	-0.3116	117	0.0084
13	-0.2406	64	-0.7276	118	0.0094
14	-0.3466	65	-0.7246	119	0.0084
15	-0.3326	66	-0.0656	120	-0.0566
16	-0.4146	67	-0.0946	121	0.0094
17	-0.4926	68	-0.1176	122	0.0104
18	-0.2826	69	-0.1516	123	0.0074
19	-0.2356	70	-0.1786	124	0.0344
20	-0.2126	71	-0.2166	125	-0.0186
21	-0.1976	72	-0.2646	126	0.0074
22	-0.1936	73	-0.3506	127	-0.0046
23	-0.1896	74	-0.7426	128	0.0294
24	-0.1916	75	-0.0716	129	-0.0896
25	-0.1996	76	-0.1116	135	0.0274
26	-0.2136	77	-0.1506	136	0.0134
27	-0.2526	78	-0.1936	137	0.0274
28	-0.3746	79	-0.2466	138	0.1214
29	-0.3566	80	-0.2936	139	0.1154
30	-0.3226	81	-0.4176	140	0.1204
32	-0.1776	82	-0.7356	141	0.1634
33	-0.1746	83	-0.0936	142	0.1664
34	-0.1716	84	-0.1496	143	0.1674
35	-0.1696	85	-0.2256	145	0.0154
36	-0.1716	86	-0.2526	147	0.1674
37	-0.1766	87	-0.2976	151	-0.0716
38	-0.1866	88	-0.3796	152	-0.1496
39	-0.2126	89	-0.7276	153	-0.1586
40	-0.2546	90	-0.2086	154	-0.1926
41	-0.3716	91	-0.2226	155	-0.1006
42	-0.3896	92	-0.2616	156	0.1114
43	-0.1016	93	-0.2996	157	-0.0196
44	-0.1136	94	-0.3626	158	0.1504
45	-0.1346	95	-0.6826	159	0.1924
46	-0.1386	96	-0.7296	160	0.1544
47	-0.1466	97	-0.6746	161	0.0594
48	-0.1566	98	-0.1166	162	0.1484
49	-0.1766	99	-0.1476	163	0.1964
50	-0.1966	100	-0.3926	164	0.1134
51	-0.2336	101	-0.3066	165	0.0314

ORF	CP	ORF	CP	ORF	CP
166	0.1764	217	0.0064	268	-0.2716
167	0.1944	218	0.0074	269	-0.0696
168	0.1754	219	0.0084	270	0.0004
169	0.0824	220	0.0064	271	-0.2896
170	-0.1076	221	-0.4016	272	-0.3126
171	0.1634	222	-0.2996	273	-0.1816
172	-0.0246	223	-0.4386	274	-0.0906
173	-0.0646	224	-0.4616	275	0.0404
174	-0.0926	225	0.1114	276	0.1634
175	-0.1576	226	-0.0266	277	0.0144
176	-0.2166	227	-1.0456	278	-1.0636
177	-0.1836	228	-0.9316	279	-0.9406
178	-0.2766	229	-0.8036	280	-0.8266
179	-0.3026	230	-0.5566	281	-0.5896
180	-0.1816	231	-0.3616	282	-0.3416
181	0.2964	232	-0.2916	283	-0.2426
182	0.3644	233	-0.2416	284	-0.1926
183	0.2414	234	-0.2256	285	0.0114
184	0.5054	235	-0.3016	286	-0.2846
185	0.6154	236	-0.2706	287	-0.3336
186	0.7094	237	-0.2456	288	-0.2096
187	0.8164	238	-0.1956	289	-0.0996
188	0.8624	239	0.1194	290	0.0084
189	0.8974	240	-0.0096	291	-0.8016
190	-0.2046	241	-0.9726	292	-0.1816
191	-0.1766	242	-0.9296	325	0.0054
192	-0.1766	244	-0.6246	326	0.0034
193	-0.1786	245	-0.3776	327	0.0054
194	-0.1726	246	-0.2856	328	0.0064
195	-0.1756	247	-0.2326	329	0.0034
196	-0.1866	248	-0.2196	330	0.0054
197	-0.1726	249	-0.3046	331	0.0054
198	-0.1766	250	-0.2496	332	0.0054
199	-0.1786	251	-0.1766	333	0.0064
200	-0.1796	252	-0.1246	334	0.0034
201	-0.1726	253	0.1634	335	0.0064
202	-0.1696	254	0.0184	336	0.0054
203	-0.1726	255	-1.2366	337	0.0064
204	-0.1666	256	-1.1446	338	0.0034
205	0.0654	257	-0.9216	339	0.0064
206	0.0574	258	-0.6716	340	0.0064
207	0.1004	259	-0.3606	341	0.0034
208	0.0804	260	-0.2496	350	0.0094
210	0.0374	261	-0.2096	351	0.0074
211	0.1514	262	-0.1856	352	0.0064
212	0.1784	263	-0.3596	353	0.0074
213	0.0044	264	-0.2336	354	0.0054
214	0.0064	265	-0.0446	355	0.0044
215	0.0054	266	0.0064		
216	0.0054	267	-0.3276		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1815
 TUNNEL = 11
 TEST NO. = 086
 TEST PHASE = 2
 RUN NUMBER = 308.
 CONFIGURATION NO. = 14.
 ANGLE OF MODEL ROLL(DEG) = 3150.0
 MACH NUMBER = 1.350
 TUNNEL DYNAMIC PRESSURE(PSF) = 831.
 TUNNEL STAGNATION PRESSURE(PSF) = 1934.
 TUNNEL STATIC PRESSURE(PSF) = 652.
 REYNOLDS NUMBER PER FOOT = 4.0070E 06
 MODEL ANGLE OF ATTACK(DEG) = -12.07
 FIN ANGLE(DEG) = -0.
 FREE*STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 559.

SCANIVALUE	CP(REF)
147	0.3124
247	0.3114
347	0.3124
447	0.3114
547	0.3144
647	0.3144
747	0.2644

ORF	CP	ORF	CP	ORF	CP
1	0.5684	52	0.4074	102	-0.0176
2	0.1954	53	0.2084	103	-0.4606
3	-0.1436	54	0.0474	104	0.0724
4	-0.0716	55	0.5644	105	-0.4016
5	0.0844	56	0.5474	110	-0.1096
6	0.3114	57	0.5414	111	-0.1036
7	0.3814	58	0.5304	112	-0.0886
8	0.3984	59	0.5184	113	-0.1166
9	0.4214	60	0.5024	114	0.0634
10	0.4284	61	0.4764	115	0.0674
11	0.4334	62	0.4434	116	0.0694
12	0.4334	63	0.3884	117	0.0754
13	0.4384	64	0.0434	118	0.0734
14	0.3214	65	0.0434	119	0.0764
15	0.2234	66	0.6224	120	-0.1256
16	0.3194	67	0.5814	121	0.0474
17	0.1044	68	0.5584	122	0.0684
18	-0.0186	69	0.5374	123	0.0714
19	0.0534	70	0.5154	124	-0.0926
20	0.4084	71	0.4824	125	-0.1306
21	0.4454	72	0.4344	126	-0.1146
22	0.4404	73	0.3564	127	-0.1246
23	0.4364	74	0.0224	128	-0.1106
24	0.4364	75	0.6554	129	-0.1816
25	0.4394	76	0.5974	135	-0.1186
26	0.4424	77	0.5604	136	-0.1206
27	0.4314	78	0.5184	137	-0.1126
28	0.3284	79	0.4644	138	0.0034
29	0.1544	80	0.3924	139	0.0044
30	0.2824	81	0.2704	140	-0.0036
32	0.1084	82	-0.0126	141	0.1754
33	0.4644	83	0.6544	142	0.1064
34	0.4894	84	0.5784	143	0.1314
35	0.4634	85	0.5064	145	-0.1236
36	0.4584	86	0.4204	147	0.1004
37	0.4544	87	0.3404	151	0.3014
38	0.4524	88	0.2464	152	0.1484
39	0.4454	89	-0.0486	153	0.0664
40	0.4264	90	0.5804	154	-0.0986
41	0.3394	91	0.3944	155	0.2504
42	0.0784	92	0.3014	156	0.5194
43	0.3244	93	0.2394	157	0.3654
44	0.3764	94	0.1724	158	0.8034
45	0.5254	95	-0.1076	159	0.5574
46	0.5064	96	-0.2226	160	0.5344
47	0.4944	97	-0.1306	161	0.4714
48	0.4854	98	-0.0676	162	0.6114
49	0.4794	99	-0.1076	163	0.4774
50	0.4704	100	-0.1006	164	0.0034
51	0.4474	101	-0.0496	165	0.3194

ORF	CP	ORF	CP	ORF	CP
166	0.6224	217	0.0714	268	0.0264
167	0.5734	218	0.0764	269	0.4134
168	0.5344	219	0.0714	270	0.4994
169	0.3844	220	0.0664	271	-0.0216
170	0.3334	221	0.2194	272	-0.0546
171	0.5374	222	0.1004	273	0.3494
172	0.2854	223	-0.1836	274	0.3704
173	0.2734	224	-0.2026	275	0.5334
174	0.2494	225	0.4004	276	0.6854
175	0.0014	226	0.3274	277	0.6434
176	-0.1716	227	-0.1046	278	-0.3226
177	0.1374	228	0.0224	279	-0.2256
178	0.0644	229	0.0794	280	-0.1736
179	0.0504	230	0.1534	281	-0.1146
180	-0.3276	231	0.1884	282	0.0574
181	0.8374	232	0.2104	283	0.3134
182	0.9914	233	0.2504	284	0.4244
183	0.6534	234	0.2644	285	0.0734
184	1.1864	235	0.1644	286	-0.0446
185	1.4164	236	0.0974	287	-0.0466
186	1.4964	237	-0.0406	288	0.1634
187	1.4994	238	-0.0246	289	0.3144
188	1.5034	239	0.4194	290	0.4564
189	1.4974	240	0.3754	291	-0.3826
190	-0.2876	241	-0.3356	292	-0.0096
191	-0.2536	242	-0.2146	325	0.0694
192	-0.2856	244	0.0324	326	0.0724
193	-0.2866	245	0.1504	327	0.0734
194	-0.2976	246	0.2174	328	0.0694
195	-0.2596	247	0.2914	329	0.0724
196	-0.3136	248	0.3274	330	0.0714
197	-0.2966	249	0.1734	331	0.0704
198	-0.3036	250	0.0994	332	0.0714
199	-0.3036	251	0.1334	333	0.0684
200	-0.2716	252	0.2224	334	0.0724
201	-0.2866	253	0.4874	335	0.0714
202	-0.2966	254	0.4184	336	0.0644
203	-0.2976	255	-0.4676	337	0.0674
204	-0.2886	256	-0.3726	338	0.0724
205	0.3414	257	-0.2696	339	0.0734
206	0.3324	258	-0.1106	340	0.0684
207	0.5084	259	0.1264	341	0.0704
208	0.4884	260	0.2644	350	0.0734
210	0.2684	261	0.3654	351	0.0684
211	0.3884	262	0.4314	352	0.0704
212	0.4174	263	0.1484	353	0.0634
213	0.0774	264	0.0584	354	0.0744
214	0.0764	265	0.3704	355	0.0734
215	0.0764	266	0.4824		
216	0.0774	267	0.1324		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1816
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 308.
CONFIGURATION NO. = 14.
ANGLE OF MODEL ROLL(DEG) = 3150.0
MACH NUMBER = 1.356
TUNNEL DYNAMIC PRESSURE(PSF) = 827.
TUNNEL STAGNATION PRESSURE(PSF) = 1923.
TUNNEL STATIC PRESSURE(PSF) = 643.
REYNOLDS NUMBER PER FOOT = 3.9870E 06
MODEL ANGLE OF ATTACK(DEG) = -8.09
FIN ANGLE(DEG) = -0.
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 559.

SCANIVALUE	CP(REF)
147	0.3245
247	0.3245
347	0.3235
447	0.3235
547	0.3245
647	0.3245
747	0.2685

ORF	CP	ORF	CP	ORF	CP
1	0.4875	52	0.3805	102	-0.0765
2	0.1245	53	0.1945	103	-0.4565
3	-0.1555	54	0.0435	104	0.0695
4	-0.0825	55	0.2775	105	-0.3675
5	-0.0255	56	0.2195	110	-0.1035
6	0.0185	57	0.2105	111	-0.1055
7	0.0735	58	0.2715	112	-0.0825
8	0.1295	59	0.3775	113	-0.1055
9	0.2025	60	0.3885	114	0.0685
10	0.2365	61	0.4135	115	0.0705
11	0.2775	62	0.4095	116	0.0705
12	0.2975	63	0.3625	117	0.0745
13	0.3255	64	0.0375	118	0.0735
14	0.2335	65	0.0335	119	0.0735
15	0.1495	66	0.3145	120	-0.1265
16	0.2545	67	0.2815	121	0.0725
17	0.0525	68	0.3405	122	0.0695
18	-0.0495	69	0.4335	123	0.0785
19	-0.0165	70	0.4415	124	-0.0355
20	0.0405	71	0.4325	125	-0.0945
21	0.0905	72	0.3965	126	-0.0715
22	0.1705	73	0.3255	127	-0.0855
23	0.2355	74	0.0105	128	-0.0805
24	0.2675	75	0.4275	129	-0.1605
25	0.2995	76	0.4505	135	-0.0835
26	0.3265	77	0.4605	136	-0.0845
27	0.3475	78	0.4495	137	-0.0785
28	0.2735	79	0.4145	138	0.0255
29	0.1095	80	0.3515	139	0.0245
30	0.2165	81	0.2435	140	0.0105
32	0.0295	82	-0.0315	141	0.1335
33	0.0445	83	0.5005	142	0.1135
34	0.0965	84	0.4735	143	0.1295
35	0.1725	85	0.4345	145	-0.0885
36	0.2545	86	0.3575	147	0.1125
37	0.3065	87	0.2855	151	0.2925
38	0.3275	88	0.2115	152	0.1295
39	0.3495	89	-0.0705	153	0.0215
40	0.3675	90	0.4835	154	-0.1345
41	0.3055	91	0.3085	155	0.2525
42	0.0625	92	0.2365	156	0.4745
43	0.2405	93	0.1915	157	0.3115
44	0.1565	94	0.1455	158	0.6265
45	0.1165	95	-0.1185	159	0.5645
46	0.1265	96	-0.2505	160	0.5135
47	0.2195	97	-0.1615	161	0.4385
48	0.3215	98	-0.0665	162	0.6225
49	0.3575	99	-0.0215	163	0.5155
50	0.3735	100	-0.0165	164	0.0185
51	0.3875	101	-0.1085	165	0.3165

ORF	CP	ORF	CP	ORF	CP
166	0.4465	217	0.0755	268	-0.0255
167	0.4875	218	0.0765	269	0.3315
168	0.4715	219	0.0835	270	0.4085
169	0.3415	220	0.0805	271	-0.0665
170	0.4385	221	0.1605	272	-0.0995
171	0.3555	222	0.0575	273	0.3105
172	0.1895	223	-0.2135	274	0.3695
173	0.2305	224	-0.2345	275	0.5165
174	0.1935	225	0.3675	276	0.6055
175	-0.0295	226	0.2915	277	0.5395
176	-0.1975	227	-0.2555	278	-0.3685
177	0.1405	228	-0.1425	279	-0.2865
178	0.0355	229	-0.1105	280	-0.1975
179	0.0245	230	0.0355	281	-0.1235
180	-0.3045	231	0.0805	282	-0.0345
181	0.7055	232	0.0935	283	0.0385
182	0.8545	233	0.1455	284	0.2205
183	0.3605	234	0.2015	285	0.0745
184	0.5695	235	0.1205	286	-0.1015
185	0.8395	236	0.0695	287	-0.0945
186	1.1465	237	-0.0795	288	0.2125
187	1.3465	238	-0.0645	289	0.2895
188	1.4615	239	0.3965	290	0.3775
189	1.4935	240	0.3395	291	-0.3795
190	-0.2905	241	-0.4335	292	0.0185
191	-0.2705	242	-0.3385	325	0.0725
192	-0.2875	244	-0.0725	326	0.0715
193	-0.2875	245	0.0075	327	0.0765
194	-0.2935	246	0.0585	328	0.0745
195	-0.2705	247	0.1615	329	0.0745
196	-0.3085	248	0.2585	330	0.0695
197	-0.2925	249	0.1305	331	0.0715
198	-0.2975	250	0.0815	332	0.0765
199	-0.3005	251	0.0895	333	0.0765
200	-0.2825	252	0.1825	334	0.0735
201	-0.2855	253	0.4745	335	0.0705
202	-0.2865	254	0.4295	336	0.0735
203	-0.2895	255	-0.4745	337	0.0715
204	-0.2855	256	-0.3885	338	0.0735
205	0.3245	257	-0.3015	339	0.0775
206	0.3165	258	-0.1905	340	0.0745
207	0.4215	259	-0.0705	341	0.0755
208	0.4045	260	0.0435	350	0.0735
210	0.2565	261	0.2035	351	0.0725
211	0.3885	262	0.3305	352	0.0675
212	0.4435	263	0.1085	353	0.0685
213	0.0765	264	0.0245	354	0.0765
214	0.0725	265	0.3045	355	0.0775
215	0.0795	266	0.3935		
216	0.0795	267	0.0955		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1817
 TUNNEL = 11
 TEST NO. = 086
 TEST PHASE = 2
 RUN NUMBER = 308.
 CONFIGURATION NO. = 14.
 ANGLE OF MODEL ROLL(DEG) = 3150.0
 MACH NUMBER = 1.352
 TUNNEL DYNAMIC PRESSURE(PSF) = 825.
 TUNNEL STAGNATION PRESSURE(PSF) = 1920.
 TUNNEL STATIC PRESSURE(PSF) = 645.
 REYNOLDS NUMBER PER FOOT = 3.9790E 06
 MODEL ANGLE OF ATTACK(DEG) = -4.03
 FIN ANGLE(DEG) = -0.
 FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 559.

SCANIVALUE	CP(REF)
147	0.3222
247	0.3212
347	0.3212
447	0.3222
547	0.3212
647	0.3212
747	0.0932

ORF	CP	ORF	CP	ORF	CP
1	0.3152	52	0.2062	102	-0.0708
2	0.0092	53	0.0862	103	-0.4358
3	-0.2478	54	-0.0458	104	0.0852
4	-0.1638	55	0.1482	105	-0.3408
5	-0.0958	56	0.0892	110	-0.1228
6	-0.0368	57	0.0512	111	-0.1278
7	0.0102	58	0.0642	112	-0.1038
8	0.0362	59	0.1202	113	-0.1278
9	0.0682	60	0.1732	114	0.0902
10	0.0902	61	0.1912	115	0.0932
11	0.1152	62	0.2072	116	0.0952
12	0.1362	63	0.2222	117	0.0962
13	0.1542	64	-0.0268	118	0.0932
14	0.0882	65	-0.0328	119	0.0872
15	0.0172	66	0.1762	120	-0.1558
16	0.1132	67	0.1212	121	0.0772
17	-0.0558	68	0.1082	122	0.0912
18	-0.1518	69	0.1302	123	0.0922
19	-0.1158	70	0.1772	124	-0.0258
20	-0.0308	71	0.2152	125	-0.1028
21	0.0172	72	0.2322	126	-0.0618
22	0.0572	73	0.2312	127	-0.0798
23	0.0832	74	-0.0328	128	-0.0698
24	0.1102	75	0.2042	129	-0.1748
25	0.1352	76	0.1642	135	-0.0738
26	0.1502	77	0.1662	136	-0.0748
27	0.1692	78	0.1992	137	-0.0718
28	0.1192	79	0.2302	138	0.0052
29	-0.0208	80	0.2472	139	0.0042
30	0.0922	81	0.1912	140	-0.0018
32	-0.0788	82	-0.0688	141	0.1282
33	-0.0708	83	0.2262	142	0.1262
34	0.0272	84	0.1992	143	0.1192
35	0.0662	85	0.2062	145	-0.0738
36	0.0872	86	0.2182	147	0.1282
37	0.1202	87	0.1852	151	0.1752
38	0.1482	88	0.1602	152	0.0582
39	0.1692	89	-0.0878	153	-0.0418
40	0.1842	90	0.2502	154	-0.2018
41	0.1602	91	0.1212	155	0.1962
42	-0.0578	92	0.1082	156	0.3552
43	0.1172	93	0.1232	157	0.2202
44	0.0452	94	0.1212	158	0.5372
45	-0.0028	95	-0.1208	159	0.4522
46	0.0032	96	-0.2338	160	0.4282
47	0.0692	97	-0.1228	161	0.3562
48	0.1212	98	-0.0488	162	0.4092
49	0.1482	99	-0.0098	163	0.4042
50	0.1682	100	-0.0348	164	0.0022
51	0.1912	101	-0.1008	165	0.2392

ORF	CP	ORF	CP	ORF	CP
166	0.4262	217	0.1022	268	-0.0378
167	0.4282	218	0.0982	269	0.2552
168	0.4222	219	0.1022	270	0.3112
169	0.2992	220	0.1072	271	-0.0778
170	0.2172	221	0.0672	272	-0.1018
171	0.4412	222	-0.0018	273	0.2012
172	0.2152	223	-0.2528	274	0.2072
173	0.2062	224	-0.2648	275	0.4692
174	0.2032	225	0.3302	276	0.4642
175	0.0392	226	0.2422	277	0.3772
176	-0.1988	227	-0.2818	278	-0.4688
177	0.0722	228	-0.1698	279	-0.4258
178	-0.0268	229	-0.0848	280	-0.3388
179	-0.0368	230	-0.0078	281	-0.2228
180	-0.3078	231	0.0082	282	-0.0968
181	0.4582	232	0.0182	283	-0.0168
182	0.5822	233	0.0542	284	0.0782
183	0.4662	234	0.1142	285	0.1022
184	0.8322	235	0.0292	286	-0.0828
185	1.0032	236	-0.0028	287	-0.1098
186	1.1072	237	-0.1208	288	0.0912
187	1.2342	238	-0.1048	289	0.2442
188	1.3552	239	0.3542	290	0.2702
189	1.4152	240	0.3102	291	-0.2978
190	-0.2988	241	-0.4868	292	0.0522
191	-0.3048	242	-0.4118	325	0.0952
192	-0.2978	244	-0.1488	326	0.1012
193	-0.2998	245	-0.0558	327	0.1022
194	-0.3018	246	-0.0118	328	0.1032
195	-0.2988	247	0.0582	329	0.1032
196	-0.3018	248	0.1572	330	0.1042
197	-0.2988	249	0.0312	331	0.1032
198	-0.3028	250	0.0212	332	0.1012
199	-0.3038	251	0.0462	333	0.1032
200	-0.2998	252	0.1102	334	0.1032
201	-0.2988	253	0.4032	335	0.1032
202	-0.2968	254	0.3372	336	0.1012
203	-0.2998	255	-0.5418	337	0.0962
204	-0.2998	256	-0.4818	338	0.1022
205	0.2472	257	-0.4358	339	0.1042
206	0.2392	258	-0.2738	340	0.1042
207	0.3622	259	-0.0898	341	0.1052
208	0.3122	260	-0.0228	350	0.0882
210	0.2072	261	0.0692	351	0.0852
211	0.3232	262	0.1812	352	0.0902
212	0.3482	263	0.0012	353	0.0852
213	0.1022	264	0.0042	354	0.0922
214	0.1022	265	0.2062	355	0.0912
215	0.1032	266	0.2852		
216	0.0992	267	-0.0098		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1818
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 308.
CONFIGURATION NO. = 14.
ANGLE OF MODEL ROLL(DEG) = 3150.0
MACH NUMBER = 1.352
TUNNEL DYNAMIC PRESSURE(PSF) = 826.
TUNNEL STAGNATION PRESSURE(PSF) = 1921.
TUNNEL STATIC PRESSURE(PSF) = 645.
REYNOLDS NUMBER PER FOOT = 3.9770E 06
MODEL ANGLE OF ATTACK(DEG) = 0.11
FIN ANGLE(DEG) = -0.
FREE-STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 560.

SCANIVALUE	CP(REF)
147	0.3221
247	0.3211
347	0.3211
447	0.3221
547	0.3221
647	0.3211
747	0.3211

ORF	CP	ORF	CP	ORF	CP
1	0.3061	52	0.0921	102	-0.0869
2	-0.0129	53	0.0021	103	-0.4449
3	-0.3359	54	-0.1019	104	0.0901
4	-0.3039	55	0.0421	105	-0.3319
5	-0.2639	56	-0.0159	110	-0.1139
6	-0.2319	57	-0.0559	111	-0.1079
7	-0.1429	58	-0.0929	112	-0.0959
8	-0.0409	59	-0.1139	113	-0.1119
9	0.0011	60	-0.0289	114	0.0781
10	0.0101	61	0.0641	115	0.0821
11	0.0361	62	0.0891	116	0.0791
12	0.0441	63	0.1091	117	0.0851
13	0.0801	64	-0.0849	118	0.0801
14	0.0261	65	-0.0849	119	0.0801
15	-0.0269	66	0.0491	120	-0.1499
16	0.0621	67	0.0151	121	0.0761
17	-0.1159	68	-0.0179	122	0.0791
18	-0.2389	69	-0.0519	123	0.0791
19	-0.2799	70	-0.0509	124	-0.0149
20	-0.2539	71	0.0311	125	-0.0939
21	-0.1899	72	0.1031	126	-0.0489
22	-0.0609	73	0.1001	127	-0.0719
23	0.0171	74	-0.0969	128	-0.0539
24	0.0351	75	0.0851	129	-0.1689
25	0.0391	76	0.0511	135	-0.0569
26	0.0581	77	0.0071	136	-0.0549
27	0.0911	78	-0.0119	137	-0.0539
28	0.0481	79	-0.0009	138	0.0021
29	-0.0649	80	0.0831	139	0.0021
30	0.0091	81	0.0411	140	-0.0019
32	-0.1749	82	-0.1259	141	0.1291
33	-0.2269	83	0.0941	142	0.1281
34	-0.2289	84	0.0581	143	0.1261
35	-0.1459	85	0.0291	145	-0.0559
36	0.0071	86	0.0031	147	0.1261
37	0.0451	87	0.0001	151	0.1021
38	0.0551	88	0.0241	152	-0.0209
39	0.0511	89	-0.1419	153	-0.1059
40	0.0931	90	0.1071	154	-0.2519
41	0.0781	91	0.0181	155	0.0761
42	-0.1019	92	-0.0099	156	0.2981
43	0.0101	93	-0.0319	157	0.1711
44	-0.0539	94	-0.0089	158	0.4621
45	-0.1119	95	-0.1419	159	0.3791
46	-0.1529	96	-0.3169	160	0.3781
47	-0.1699	97	-0.1079	161	0.3061
48	-0.0759	98	-0.0569	162	0.4381
49	0.0341	99	0.0131	163	0.4831
50	0.0711	100	-0.0039	164	0.0011
51	0.0791	101	-0.1139	165	0.2741

ORF	CP	ORF	CP	ORF	CP
166	0.5191	217	0.0951	268	-0.0849
167	0.3871	218	0.0931	269	0.1771
168	0.4131	219	0.0931	270	0.2331
169	0.3231	220	0.0961	271	-0.1039
170	0.0791	221	-0.0059	272	-0.1309
171	0.3721	222	-0.0679	273	0.0631
172	0.1891	223	-0.2689	274	0.1101
173	0.1171	224	-0.2749	275	0.3851
174	0.0631	225	0.2741	276	0.4341
175	-0.0739	226	0.2041	277	0.3551
176	-0.2519	227	-0.3809	278	-0.4739
177	-0.0159	228	-0.2829	279	-0.4439
178	-0.0779	229	-0.1949	280	-0.3859
179	-0.0909	230	-0.0829	281	-0.3209
180	-0.2979	231	-0.0489	282	-0.2629
181	0.5041	232	-0.0439	283	-0.2019
182	0.6271	233	-0.0249	284	0.0071
183	0.4931	234	0.0491	285	0.0931
184	0.8171	235	-0.0459	286	-0.1039
185	0.8941	236	-0.0679	287	-0.1319
186	0.9241	237	-0.1589	288	-0.0149
187	0.9601	238	-0.1429	289	0.1521
188	1.0421	239	0.2811	290	0.1971
189	1.0781	240	0.2351	291	-0.3349
190	-0.2909	241	-0.5409	292	0.0881
191	-0.2959	242	-0.4719	325	0.0941
192	-0.2899	244	-0.1689	326	0.0931
193	-0.2909	245	-0.0819	327	0.0941
194	-0.2929	246	-0.0689	328	0.0921
195	-0.2899	247	-0.0279	329	0.0931
196	-0.2969	248	0.0661	330	0.1001
197	-0.2919	249	-0.0489	331	0.0911
198	-0.2939	250	-0.0479	332	0.0901
199	-0.2939	251	-0.0129	333	0.0921
200	-0.2949	252	0.0461	334	0.0911
201	-0.2919	253	0.3321	335	0.0981
202	-0.2889	254	0.2691	336	0.0951
203	-0.2909	255	-0.5649	337	0.0961
204	-0.2919	256	-0.5219	338	0.0941
205	0.2061	257	-0.4899	339	0.0951
206	0.2051	258	-0.4019	340	0.0941
207	0.2491	259	-0.2009	341	0.0921
208	0.2311	260	-0.0709	350	0.0781
210	0.1821	261	-0.0199	351	0.0791
211	0.2961	262	0.1011	352	0.0741
212	0.3151	263	-0.1159	353	0.0791
213	0.0991	264	-0.0589	354	0.0791
214	0.0961	265	0.1391	355	0.0871
215	0.0951	266	0.2081		
216	0.0971	267	-0.1019		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1819
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 308.
CONFIGURATION NO. = 14.
ANGLE OF MODEL ROLL(DEG) = 3150.0
MACH NUMBER = 1.352
TUNNEL DYNAMIC PRESSURE(PSF) = 826.
TUNNEL STAGNATION PRESSURE(PSF) = 1921.
TUNNEL STATIC PRESSURE(PSF) = 645.
REYNOLDS NUMBER PER FOOT = 3.9720E 06
MODEL ANGLE OF ATTACK(DEG) = 4.01
FIN ANGLE(DEG) = -0.
FREE-STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 560.

SCANIVALUE	CP(REF)
147	0.3221
247	0.3211
347	0.3211
447	0.3221
547	0.3221
647	0.3211
747	0.2651

ORF	CP	ORF	CP	ORF	CP
1	0.2571	52	-0.0469	102	-0.1349
2	-0.0699	53	-0.1209	103	-0.4499
3	-0.2969	54	-0.1869	104	0.1051
4	-0.1999	55	-0.0279	105	-0.3789
5	-0.1699	56	-0.0849	110	-0.0759
6	-0.1679	57	-0.1169	111	-0.0609
7	-0.1749	58	-0.1439	112	-0.0559
8	-0.1619	59	-0.1599	113	-0.0819
9	-0.1609	60	-0.1649	114	0.1111
10	-0.1219	61	-0.1619	115	0.1101
11	-0.0949	62	-0.1329	116	0.1111
12	-0.0569	63	-0.0829	117	0.1131
13	-0.0149	64	-0.2069	118	0.1141
14	-0.0509	65	-0.2039	119	0.1111
15	-0.1119	66	-0.0289	120	-0.1269
16	0.0281	67	-0.0679	121	0.1081
17	-0.1269	68	-0.0939	122	0.1161
18	-0.1879	69	-0.1239	123	0.1151
19	-0.1729	70	-0.1419	124	-0.0109
20	-0.1739	71	-0.1489	125	-0.0769
21	-0.1809	72	-0.1569	126	-0.0419
22	-0.1819	73	-0.1309	127	-0.0629
23	-0.1719	74	-0.2389	128	-0.0479
24	-0.1229	75	-0.0139	129	-0.1429
25	-0.0969	76	-0.0499	135	-0.0489
26	-0.0399	77	-0.0839	136	-0.0489
27	-0.0169	78	-0.0999	137	-0.0469
28	-0.0629	79	-0.1169	138	0.0071
29	-0.1349	80	-0.1319	139	0.0071
30	-0.0369	81	-0.1469	140	0.0071
32	-0.1669	82	-0.2739	141	0.1381
33	-0.1779	83	-0.0259	142	0.1331
34	-0.1839	84	-0.0439	143	0.1311
35	-0.1819	85	-0.0659	145	-0.0479
36	-0.1649	86	-0.0859	147	0.1341
37	-0.1419	87	-0.0979	151	0.1401
38	-0.1079	88	-0.0999	152	-0.0179
39	-0.0589	89	-0.2769	153	-0.1069
40	-0.0299	90	-0.0779	154	-0.2249
41	-0.0579	91	-0.0109	155	0.0621
42	-0.1509	92	-0.0319	156	0.1751
43	-0.0499	93	-0.0669	157	0.1021
44	-0.1009	94	-0.0799	158	0.2901
45	-0.1439	95	-0.2529	159	0.2671
46	-0.1619	96	-0.3259	160	0.2391
47	-0.1739	97	-0.1709	161	0.1641
48	-0.1749	98	0.0021	162	0.2791
49	-0.1679	99	0.0811	163	0.2741
50	-0.1369	100	0.0121	164	0.0071
51	-0.0859	101	-0.1639	165	0.1221

DRF	CP	DRF	CP	DRF	CP
166	0.4101	217	0.1171	268	-0.1549
167	0.3091	218	0.1181	269	0.1031
168	0.3091	219	0.1121	270	0.1521
169	0.2521	220	0.1171	271	-0.1449
170	0.1361	221	-0.0109	272	-0.1649
171	0.2861	222	-0.1209	273	0.0241
172	0.1271	223	-0.2889	274	0.1011
173	0.1031	224	-0.2939	275	0.3711
174	0.0051	225	0.2901	276	0.4081
175	-0.1339	226	0.2351	277	0.3071
176	-0.2589	227	-0.4939	278	-0.4959
177	-0.0299	228	-0.4299	279	-0.4679
178	-0.0449	229	-0.3209	280	-0.3919
179	-0.0469	230	-0.1919	281	-0.2799
180	-0.3049	231	-0.0649	282	-0.1669
181	0.4171	232	-0.0539	283	-0.1629
182	0.5271	233	-0.0459	284	-0.1359
183	0.4311	234	0.0201	285	0.1151
184	0.5951	235	-0.0969	286	-0.1499
185	0.6151	236	-0.1299	287	-0.1689
186	0.6451	237	-0.2129	288	-0.0239
187	0.7351	238	-0.1939	289	0.0991
188	0.8041	239	0.2971	290	0.1411
189	0.8901	240	0.2321	291	-0.2639
190	-0.2969	241	-0.5439	292	0.1691
191	-0.3049	242	-0.4759	325	0.1191
192	-0.2969	244	-0.2649	326	0.1121
193	-0.2959	245	-0.1699	327	0.1111
194	-0.2979	246	-0.1479	328	0.1141
195	-0.2989	247	-0.0619	329	0.1191
196	-0.3049	248	0.0551	330	0.1141
197	-0.2989	249	-0.1259	331	0.1111
198	-0.3009	250	-0.1179	332	0.1091
199	-0.3039	251	-0.0799	333	0.1141
200	-0.2989	252	0.0161	334	0.1181
201	-0.2979	253	0.4181	335	0.1121
202	-0.2929	254	0.3481	336	0.1181
203	-0.2939	255	-0.5369	337	0.1181
204	-0.2959	256	-0.4929	338	0.1121
205	0.1851	257	-0.4559	339	0.1111
206	0.1891	258	-0.4029	340	0.1171
207	0.2371	259	-0.3139	341	0.1211
208	0.2211	260	-0.1649	350	0.1181
210	0.1661	261	-0.0989	351	0.1141
211	0.2711	262	0.0331	352	0.1141
212	0.3051	263	-0.1549	353	0.1131
213	0.1131	264	-0.1429	354	0.1151
214	0.1101	265	0.0821	355	0.1171
215	0.1091	266	0.1411		
216	0.1161	267	-0.1399		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1820

TUNNEL = 11

TEST NO. = 086

TEST PHASE = 2

RUN NUMBER = 308.

CONFIGURATION NO. = 14.

ANGLE OF MODEL ROLL(DEG) = 3150.0

MACH NUMBER = 1.346

TUNNEL DYNAMIC PRESSURE(PSF) = 826.

TUNNEL STAGNATION PRESSURE(PSF) = 1921.

TUNNEL STATIC PRESSURE(PSF) = 651.

REYNOLDS NUMBER PER FOOT = 3.9870E 06

MODEL ANGLE OF ATTACK(DEG) = 7.96

FIN ANGLE(DEG) = -0.

FREE-STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 559.

SCANIVALUE	CP(REF)
147	0.3149
247	0.3149
347	0.3149
447	0.3149
547	0.3149
647	0.3139
747	0.2499

ORF	CP	ORF	CP	ORF	CP
1	0.2009	52	-0.1001	102	-0.1981
2	-0.1101	53	-0.2141	103	-0.5301
3	-0.3001	54	-0.2431	104	0.1309
4	-0.1971	55	-0.2471	105	-0.4621
5	-0.1391	56	-0.1711	110	-0.1431
6	-0.1041	57	-0.1671	111	-0.1321
7	-0.0841	58	-0.1591	112	-0.1331
8	-0.0661	59	-0.1521	113	-0.1661
9	-0.0771	60	-0.1211	114	0.0849
10	-0.0811	61	-0.1091	115	0.0849
11	-0.0801	62	-0.1001	116	0.0799
12	-0.0601	63	-0.1001	117	0.0849
13	-0.0401	64	-0.2661	118	0.0769
14	-0.0881	65	-0.2711	119	0.0799
15	-0.1621	66	-0.3401	120	-0.2581
16	-0.0201	67	-0.1971	121	0.0639
17	-0.1441	68	-0.1641	122	0.0839
18	-0.1771	69	-0.1551	123	0.0799
19	-0.1411	70	-0.1291	124	-0.1151
20	-0.1201	71	-0.1171	125	-0.2061
21	-0.1051	72	-0.0981	126	-0.1721
22	-0.0901	73	-0.0931	127	-0.1911
23	-0.0941	74	-0.2611	128	-0.1831
24	-0.0951	75	-0.3691	129	-0.2841
25	-0.1341	76	-0.2451	135	-0.1941
26	-0.0741	77	-0.1601	136	-0.1941
27	-0.0481	78	-0.1431	137	-0.1831
28	-0.1031	79	-0.1291	138	-0.1101
29	-0.2051	80	-0.1171	139	-0.1081
30	-0.0851	81	-0.1181	140	-0.1061
32	-0.1581	82	-0.2581	141	0.0909
33	-0.1371	83	-0.3921	142	0.0889
34	-0.1201	84	-0.2841	143	0.0859
35	-0.1181	85	-0.1841	145	-0.1911
36	-0.1101	86	-0.1451	147	0.0909
37	-0.1071	87	-0.1111	151	0.0659
38	-0.0971	88	-0.0741	152	-0.0761
39	-0.0801	89	-0.2361	153	-0.1601
40	-0.0691	90	-0.4271	154	-0.2541
41	-0.1251	91	-0.2851	155	0.0219
42	-0.2231	92	-0.1641	156	0.0819
43	-0.1531	93	-0.1021	157	-0.0321
44	-0.1621	94	-0.0881	158	0.1959
45	-0.1621	95	-0.2621	159	0.1389
46	-0.1471	96	-0.3411	160	0.1069
47	-0.1341	97	-0.2141	161	0.0069
48	-0.1191	98	0.0789	162	0.1819
49	-0.1111	99	0.2109	163	0.1429
50	-0.0981	100	-0.0061	164	-0.1081
51	-0.0861	101	-0.2241	165	-0.0091

ORF	CP	ORF	CP	ORF	CP
166	0.3739	217	0.1339	268	-0.2091
167	0.2839	218	0.1359	269	0.0759
168	0.2929	219	0.1349	270	0.1149
169	0.2269	220	0.1409	271	-0.2121
170	0.2809	221	-0.0411	272	-0.2171
171	0.1699	222	-0.1261	273	0.0619
172	0.0419	223	-0.3511	274	0.0819
173	0.0399	224	-0.3501	275	0.2749
174	-0.0871	225	0.2999	276	0.3549
175	-0.2351	226	0.2109	277	0.2589
176	-0.3431	227	-0.4731	278	-0.5011
177	-0.0671	228	-0.4171	279	-0.4751
178	-0.1451	229	-0.3131	280	-0.3951
179	-0.1171	230	-0.1651	281	-0.2821
180	-0.3021	231	-0.1191	282	-0.1541
181	0.1889	232	-0.1141	283	-0.0911
182	0.3289	233	-0.1051	284	-0.0761
183	0.3359	234	-0.0171	285	0.1339
184	0.4579	235	-0.1311	286	-0.2171
185	0.4759	236	-0.1451	287	-0.2381
186	0.5069	237	-0.2491	288	-0.0221
187	0.5459	238	-0.2331	289	0.0889
188	0.6049	239	0.3039	290	0.0949
189	0.6489	240	0.2409	291	-0.1291
190	-0.2981	241	-0.5391	292	0.3229
191	-0.3141	242	-0.4771	325	0.1349
192	-0.2951	244	-0.2311	326	0.1339
193	-0.2951	245	-0.1671	327	0.1329
194	-0.2951	246	-0.1511	328	0.1309
195	-0.3021	247	-0.0861	329	0.1279
196	-0.3151	248	-0.0081	330	0.1259
197	-0.2971	249	-0.1501	331	0.1339
198	-0.2981	250	-0.1681	332	0.1299
199	-0.3001	251	-0.1101	333	0.1309
200	-0.3091	252	-0.0271	334	0.1279
201	-0.2971	253	0.3769	335	0.1239
202	-0.2931	254	0.2839	336	0.1389
203	-0.2931	255	-0.5591	337	0.1359
204	-0.2971	256	-0.5121	338	0.1329
205	0.1179	257	-0.4771	339	0.1349
206	0.1129	258	-0.4091	340	0.1309
207	0.1899	259	-0.2771	341	0.1279
208	0.1589	260	-0.0731	350	0.0839
210	0.2169	261	-0.0781	351	0.0829
211	0.3419	262	-0.0101	352	0.0829
212	0.3779	263	-0.2411	353	0.0809
213	0.1359	264	-0.1931	354	0.0829
214	0.1369	265	0.0479	355	0.0909
215	0.1319	266	0.0999		
216	0.1299	267	-0.2171		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1821
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 308.
CONFIGURATION NO. = 14.
ANGLE OF MODEL ROLL(DEG) = 3150.0
MACH NUMBER = 1.345
TUNNEL DYNAMIC PRESSURE(PSF) = 826.
TUNNEL STAGNATION PRESSURE(PSF) = 1922.
TUNNEL STATIC PRESSURE(PSF) = 653.
REYNOLDS NUMBER PER FOOT = 3.9840E 06
MODEL ANGLE OF ATTACK(DEG) = 11.93
FIN ANGLE(DEG) = -0.
FREE-STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 559.

SCANIVALUE	CP(REF)
147	0.3124
247	0.3124
347	0.3124
447	0.3134
547	0.3124
647	0.3124
747	0.3124

ORF	CP	ORF	CP	ORF	CP
1	0.2194	52	-0.1586	102	-0.2646
2	-0.0886	53	-0.2846	103	-0.5366
3	-0.2756	54	-0.3116	104	0.1214
4	-0.2326	55	-0.1696	105	-0.4636
5	-0.1676	56	-0.1506	110	-0.0016
6	-0.0446	57	-0.1406	111	0.0074
7	0.0154	58	-0.1536	112	0.0084
8	0.0184	59	-0.1606	113	-0.0246
9	-0.0016	60	-0.1546	114	0.1224
10	-0.0266	61	-0.1386	115	0.1224
11	-0.0516	62	-0.1626	116	0.1184
12	-0.0566	63	-0.2026	117	0.1174
13	-0.0486	64	-0.3426	118	0.1174
14	-0.0946	65	-0.3296	119	0.1194
15	-0.1756	66	-0.3276	120	-0.1596
16	-0.0556	67	-0.2506	121	0.1144
17	-0.1646	68	-0.1806	122	0.1224
18	-0.1896	69	-0.1506	123	0.1224
19	-0.1086	70	-0.1446	124	-0.0506
20	-0.0126	71	-0.1466	125	-0.1296
21	0.0084	72	-0.1646	126	-0.1096
22	-0.0196	73	-0.2106	127	-0.1186
23	-0.0446	74	-0.3516	128	-0.1116
24	-0.0666	75	-0.4566	129	-0.1866
25	-0.0826	76	-0.3436	135	-0.1156
26	-0.0806	77	-0.2806	136	-0.1146
27	-0.0626	78	-0.2416	137	-0.1086
28	-0.1116	79	-0.2056	138	-0.0076
29	-0.2316	80	-0.1896	139	-0.0046
30	-0.0816	81	-0.2146	140	0.0024
32	-0.0876	82	-0.3466	141	0.1464
33	-0.0416	83	-0.4926	142	0.1424
34	-0.0526	84	-0.3916	143	0.1364
35	-0.0766	85	-0.3296	145	-0.1156
36	-0.0946	86	-0.2866	147	0.1434
37	-0.1106	87	-0.2426	151	0.0154
38	-0.1186	88	-0.2046	152	-0.1356
39	-0.1096	89	-0.3086	153	-0.1806
40	-0.0956	90	-0.5076	154	-0.2166
41	-0.1486	91	-0.4186	155	-0.0606
42	-0.2746	92	-0.3246	156	-0.0296
43	-0.1086	93	-0.2866	157	-0.1076
44	-0.1096	94	-0.2816	158	0.1574
45	-0.1186	95	-0.3626	159	0.0274
46	-0.1286	96	-0.3646	160	-0.0036
47	-0.1406	97	-0.2686	161	-0.0616
48	-0.1486	98	-0.0576	162	0.0864
49	-0.1546	99	0.1874	163	0.0654
50	-0.1466	100	-0.0136	164	-0.0066
51	-0.1306	101	-0.2756	165	-0.0816

ORF	CP	ORF	CP	ORF	CP
166	0.1584	217	0.1204	268	-0.2816
167	0.0884	218	0.1274	269	-0.0236
168	0.0644	219	0.1314	270	0.0284
169	0.0004	220	0.1254	271	-0.2666
170	0.0624	221	0.0124	272	-0.2766
171	0.0374	222	-0.1076	273	-0.0496
172	-0.0836	223	-0.3456	274	-0.0196
173	-0.0446	224	-0.3366	275	0.0354
174	-0.1356	225	0.3564	276	0.3894
175	-0.2436	226	0.2564	277	0.2854
176	-0.3316	227	-0.4896	278	-0.4886
177	-0.2076	228	-0.4106	279	-0.4536
178	-0.1546	229	-0.3446	280	-0.3746
179	-0.1546	230	-0.2196	281	-0.2776
180	-0.2986	231	-0.1566	282	-0.1986
181	0.2204	232	-0.1556	283	-0.0226
182	0.2904	233	-0.1886	284	-0.0106
183	0.2314	234	-0.0926	285	0.1274
184	0.3824	235	-0.1396	286	-0.2786
185	0.4084	236	-0.1436	287	-0.3046
186	0.4144	237	-0.2396	288	-0.1016
187	0.4304	238	-0.2476	289	-0.0196
188	0.4604	239	0.2944	290	0.0174
189	0.4634	240	0.2384	291	0.0314
190	-0.2926	241	-0.4826	292	0.4274
191	-0.3306	242	-0.3826	325	0.1254
192	-0.2946	244	-0.2276	326	0.1294
193	-0.2946	245	-0.2366	327	0.1234
194	-0.2936	246	-0.2426	328	0.1254
195	-0.3206	247	-0.1396	329	0.1314
196	-0.3186	248	-0.0336	330	0.1314
197	-0.3016	249	-0.1956	331	0.1294
198	-0.3016	250	-0.2106	332	0.1224
199	-0.2986	251	-0.2086	333	0.1254
200	-0.3186	252	-0.1056	334	0.1314
201	-0.3046	253	0.3744	335	0.1304
202	-0.3006	254	0.2654	336	0.1324
203	-0.3036	255	-0.5726	337	0.1254
204	-0.3106	256	-0.5376	338	0.1294
205	0.1404	257	-0.5086	339	0.1234
206	0.1314	258	-0.4626	340	0.1244
207	0.1394	259	-0.3686	341	0.1324
208	-0.0116	260	-0.1256	350	0.1154
210	0.2024	261	-0.0496	351	0.1244
211	0.3904	262	-0.0346	352	0.1214
212	0.4444	263	-0.2606	353	0.1244
213	0.1324	264	-0.2746	354	0.1234
214	0.1294	265	-0.0556	355	0.1274
215	0.1284	266	0.0244		
216	0.1224	267	-0.2546		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1822
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 308.
CONFIGURATION NO. = 14.
ANGLE OF MODEL ROLL(DEG) = 3150.0
MACH NUMBER = 1.351
TUNNEL DYNAMIC PRESSURE(PSF) = 825.
TUNNEL STAGNATION PRESSURE(PSF) = 1920.
TUNNEL STATIC PRESSURE(PSF) = 646.
REYNOLDS NUMBER PER FOOT = 3.9880E 06
MODEL ANGLE OF ATTACK(DEG) = 0.10
FIN ANGLE(DEG) = -0.
FREE^oSTREAM TOTAL TEMPERATURE(DEG. RANKINE) = 558.

SCANIVALUE	CP(REF)
147	0.3210
247	0.3190
347	0.3200
447	0.3210
547	0.3200
647	0.3200
747	0.1050

ORF	CP	ORF	CP	ORF	CP
1	0.3020	52	0.1110	102	-0.0830
2	-0.0200	53	-0.0000	103	-0.4290
3	-0.3340	54	-0.0940	104	0.1020
4	-0.3030	55	0.0430	105	-0.3200
5	-0.2620	56	-0.0160	110	-0.1080
6	-0.2250	57	-0.0550	111	-0.1010
7	-0.1570	58	-0.0930	112	-0.0890
8	-0.0360	59	-0.1120	113	-0.1060
9	-0.0000	60	-0.0110	114	0.0850
10	0.0210	61	0.0650	115	0.0940
11	0.0300	62	0.0820	116	0.0940
12	0.0590	63	0.1120	117	0.0960
13	0.0630	64	-0.0850	118	0.0970
14	0.0290	65	-0.0960	119	0.0970
15	-0.0300	66	0.0500	120	-0.1400
16	0.0700	67	0.0140	121	0.0900
17	-0.1180	68	-0.0170	122	0.0890
18	-0.2410	69	-0.0460	123	0.0900
19	-0.2800	70	-0.0490	124	-0.0140
20	-0.2510	71	0.0190	125	-0.0790
21	-0.1890	72	0.1090	126	-0.0480
22	-0.0500	73	0.1040	127	-0.0670
23	0.0250	74	-0.0870	128	-0.0510
24	0.0390	75	0.0910	129	-0.1610
25	0.0530	76	0.0520	135	-0.0500
26	0.0660	77	0.0120	136	-0.0490
27	0.0950	78	-0.0110	137	-0.0480
28	0.0440	79	-0.0070	138	0.0080
29	-0.0640	80	0.0820	139	0.0070
30	0.0090	81	0.1030	140	0.0060
32	-0.1770	82	-0.0860	141	0.1350
33	-0.2290	83	0.0980	142	0.1320
34	-0.2340	84	0.0550	143	0.1260
35	-0.1360	85	0.0240	145	-0.0490
36	-0.0150	86	0.0050	147	0.1340
37	0.0520	87	0.0110	151	0.1000
38	0.0670	88	0.0600	152	-0.0160
39	0.0790	89	-0.1450	153	-0.1000
40	0.1080	90	0.1040	154	-0.2510
41	0.0640	91	0.0170	155	0.0840
42	-0.0990	92	-0.0100	156	0.2900
43	0.0100	93	-0.0040	157	0.1750
44	-0.0570	94	0.0250	158	0.4780
45	-0.1090	95	-0.1400	159	0.3760
46	-0.1510	96	-0.3050	160	0.3790
47	-0.1700	97	-0.1070	161	0.3160
48	-0.0760	98	-0.0580	162	0.4340
49	0.0340	99	0.0210	163	0.4900
50	0.0760	100	0.0110	164	0.0080
51	0.0850	101	-0.1120	165	0.2750

ORF	CP	ORF	CP	ORF	CP
166	0.5030	217	0.1040	268	-0.0770
167	0.3930	218	0.1040	269	0.1850
168	0.4260	219	0.1040	270	0.2400
169	0.3320	220	0.1040	271	-0.0910
170	0.0860	221	-0.0140	272	-0.1180
171	0.3660	222	-0.0670	273	0.0600
172	0.1850	223	-0.2670	274	0.1170
173	0.1140	224	-0.2730	275	0.3910
174	0.0600	225	0.2720	276	0.4410
175	-0.0770	226	0.2020	277	0.3640
176	-0.2570	227	-0.3700	278	-0.4740
177	-0.0080	228	-0.2770	279	-0.4430
178	-0.0770	229	-0.1790	280	-0.3840
179	-0.0900	230	-0.0770	281	-0.3260
180	-0.2990	231	-0.0490	282	-0.2640
181	0.5100	232	-0.0490	283	-0.1950
182	0.6210	233	-0.0130	284	0.0070
183	0.5100	234	0.0460	285	0.0990
184	0.8350	235	-0.0440	286	-0.0940
185	0.9060	236	-0.0660	287	-0.1190
186	0.9340	237	-0.1580	288	-0.0050
187	0.9440	238	-0.1410	289	0.1540
188	1.0230	239	0.2870	290	0.2060
189	1.1150	240	0.2250	291	-0.3100
190	-0.2910	241	-0.5290	292	0.0970
191	-0.2970	242	-0.4680	325	0.1070
192	-0.2930	244	-0.1720	326	0.1050
193	-0.2920	245	-0.0760	327	0.1010
194	-0.2940	246	-0.0660	328	0.1010
195	-0.2910	247	-0.0190	329	0.1050
196	-0.2970	248	0.0700	330	0.1010
197	-0.2920	249	-0.0440	331	0.1030
198	-0.2940	250	-0.0470	332	0.1000
199	-0.2940	251	-0.0160	333	0.1010
200	-0.2930	252	0.0450	334	0.1030
201	-0.2910	253	0.3370	335	0.0990
202	-0.2880	254	0.2730	336	0.1050
203	-0.2900	255	-0.5630	337	0.1060
204	-0.2910	256	-0.5230	338	0.1050
205	0.2130	257	-0.4870	339	0.1010
206	0.2150	258	-0.3990	340	0.1010
207	0.2640	259	-0.2050	341	0.1040
208	0.2390	260	-0.0710	350	0.0970
210	0.1920	261	-0.0210	351	0.1010
211	0.2960	262	0.1000	352	0.0950
212	0.3370	263	-0.1100	353	0.0920
213	0.1100	264	-0.0490	354	0.0900
214	0.1100	265	0.1460	355	0.0930
215	0.1060	266	0.2210		
216	0.1050	267	-0.0970		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1823
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 309.
CONFIGURATION NO. = 14.
ANGLE OF MODEL ROLL(DEG) = 3150.0
MACH NUMBER = 1.198
TUNNEL DYNAMIC PRESSURE(PSF) = 794.
TUNNEL STAGNATION PRESSURE(PSF) = 1912.
TUNNEL STATIC PRESSURE(PSF) = 790.
REYNOLDS NUMBER PER FOOT = 3.9970E 06
MODEL ANGLE OF ATTACK(DEG) = -12.09
FIN ANGLE(DEG) = -0.
FREE*STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 559.

SCANIVALUE	CP(REF)
147	0.1520
247	0.1510
347	0.1510
447	0.1510
547	0.1540
647	0.1530
747	0.1530

ORF	CP	ORF	CP	ORF	CP
1	0.4890	52	0.2910	102	-0.0710
2	0.0730	53	0.0700	103	-0.5420
3	-0.0520	54	-0.1060	104	0.0410
4	0.2470	55	0.5960	105	-0.4740
5	0.3180	56	0.5500	110	-0.1360
6	0.3560	57	0.5200	111	-0.1470
7	0.3760	58	0.4850	112	-0.1020
8	0.3770	59	0.4540	113	-0.1380
9	0.3890	60	0.4200	114	0.0330
10	0.3870	61	0.3820	115	0.0330
11	0.3790	62	0.3330	116	0.0320
12	0.3640	63	0.2630	117	0.0320
13	0.3530	64	-0.1120	118	0.0320
14	0.2000	65	-0.1090	119	0.0340
15	0.0940	66	0.6090	120	-0.1800
16	0.2290	67	0.5440	121	0.0300
17	0.1970	68	0.4970	122	0.0330
18	0.3860	69	0.4600	123	0.0330
19	0.3900	70	0.4200	124	-0.0570
20	0.4020	71	0.3750	125	-0.1320
21	0.4050	72	0.3150	126	-0.0990
22	0.4040	73	0.2220	127	-0.1200
23	0.3980	74	-0.1310	128	-0.1030
24	0.3920	75	0.6050	129	-0.2250
25	0.3810	76	0.5300	135	-0.1050
26	0.3680	77	0.4720	136	-0.1060
27	0.3340	78	0.4160	137	-0.1020
28	0.2040	79	0.3470	138	0.0590
29	0.0230	80	0.2670	139	0.0610
30	0.4180	81	0.1310	140	0.0450
32	0.4470	82	-0.1660	141	0.2790
33	0.4410	83	0.5800	142	0.2350
34	0.4310	84	0.4870	143	0.2370
35	0.4230	85	0.3940	145	-0.1070
36	0.4170	86	0.3020	147	0.2270
37	0.4050	87	0.2130	151	0.2380
38	0.3870	88	0.1150	152	0.0810
39	0.3650	89	-0.1940	153	-0.0120
40	0.3250	90	0.4820	154	-0.1840
41	0.2150	91	0.2870	155	0.1800
42	-0.0580	92	0.1880	156	0.4290
43	0.5480	93	0.1180	157	0.2780
44	0.5180	94	0.0460	158	0.6820
45	0.4930	95	-0.2500	159	0.4970
46	0.4760	96	-0.3860	160	0.4580
47	0.4570	97	-0.1930	161	0.3750
48	0.4350	98	-0.2340	162	0.5170
49	0.4130	99	-0.4960	163	0.4350
50	0.3850	100	-0.5690	164	0.0560
51	0.3470	101	-0.1080	165	0.2340

ORF	CP	ORF	CP	ORF	CP
166	0.5380	217	0.0420	268	-0.0510
167	0.4920	218	0.0440	269	0.3610
168	0.4430	219	0.0420	270	0.4270
169	0.2740	220	0.0420	271	-0.0780
170	0.2900	221	0.0220	272	-0.1240
171	0.4180	222	0.0380	273	0.2710
172	0.1540	223	-0.2170	274	0.2990
173	0.2120	224	-0.2350	275	0.6140
174	0.1560	225	0.5200	276	0.6590
175	-0.0760	226	0.4150	277	0.5650
176	-0.3440	227	-0.2420	278	-0.4600
177	0.0780	228	-0.1680	279	-0.3710
178	0.0130	229	-0.0570	280	-0.2230
179	-0.0190	230	0.0870	281	0.0260
180	-0.3610	231	0.2050	282	0.2950
181	0.6840	232	0.2520	283	0.3680
182	0.8290	233	0.2720	284	0.3930
183	0.6370	234	0.2550	285	0.0440
184	1.0740	235	0.0920	286	-0.0910
185	1.2490	236	0.0400	287	-0.1170
186	1.3410	237	-0.0710	288	0.0690
187	1.3810	238	-0.0620	289	0.2670
188	1.3930	239	0.5510	290	0.3890
189	1.3900	240	0.4660	291	-0.4910
190	-0.3310	241	-0.4030	292	-0.0710
191	-0.2750	242	-0.3000	325	0.0410
192	-0.3200	244	0.0360	326	0.0420
193	-0.3180	245	0.2000	327	0.0440
194	-0.3250	246	0.2580	328	0.0420
195	-0.2860	247	0.2870	329	0.0430
196	-0.3520	248	0.2880	330	0.0440
197	-0.3280	249	0.0960	331	0.0420
198	-0.3350	250	0.0240	332	0.0430
199	-0.3400	251	0.0980	333	0.0420
200	-0.3010	252	0.1690	334	0.0420
201	-0.3190	253	0.5520	335	0.0430
202	-0.3280	254	0.4590	336	0.0390
203	-0.3270	255	-0.5220	337	0.0410
204	-0.3170	256	-0.3560	338	0.0420
205	0.4420	257	-0.2440	339	0.0440
206	0.4410	258	0.0120	340	0.0430
207	0.5790	259	0.2300	341	0.0440
208	0.6320	260	0.3050	350	0.0340
210	0.3920	261	0.3440	351	0.0330
211	0.5460	262	0.3550	352	0.0310
212	0.5920	263	0.0480	353	0.0340
213	0.0420	264	-0.0200	354	0.0320
214	0.0440	265	0.3060	355	0.0320
215	0.0460	266	0.4110		
216	0.0450	267	0.0320		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1824

TUNNEL = 11

TEST NO. = 086

TEST PHASE = 2

RUN NUMBER = 309.

CONFIGURATION NO. = 14.

ANGLE OF MODEL ROLL(DEG) = 3150.0

MACH NUMBER = 1.200

TUNNEL DYNAMIC PRESSURE(PSF) = 793.

TUNNEL STAGNATION PRESSURE(PSF) = 1909.

TUNNEL STATIC PRESSURE(PSF) = 787.

REYNOLDS NUMBER PER FOOT = 3.9800E 06

MODEL ANGLE OF ATTACK(DEG) = -8.11

FIN ANGLE(DEG) = -0.

FREE^oSTREAM TOTAL TEMPERATURE(DEG. RANKINE) = 560.

SCANIVALUE	CP(REF)
147	0.1576
247	0.1556
347	0.1556
447	0.1556
547	0.1536
647	0.1516
747	0.1516

ORF	CP	ORF	CP	ORF	CP
1	0.4176	52	0.2596	102	-0.1154
2	0.0106	53	0.0506	103	-0.5804
3	-0.2714	54	-0.1254	104	0.0736
4	-0.0504	55	0.4986	105	-0.4734
5	0.1526	56	0.4686	110	-0.0874
6	0.2626	57	0.4496	111	-0.1104
7	0.2906	58	0.4246	112	-0.0544
8	0.3046	59	0.3966	113	-0.0894
9	0.3296	60	0.3716	114	0.0726
10	0.3246	61	0.3396	115	0.0726
11	0.3286	62	0.2976	116	0.0726
12	0.3116	63	0.2366	117	0.0726
13	0.2956	64	-0.1254	118	0.0736
14	0.1576	65	-0.1294	119	0.0736
15	0.0556	66	0.5256	120	-0.1514
16	0.1556	67	0.4716	121	0.0666
17	-0.0524	68	0.4346	122	0.0716
18	-0.0204	69	0.4046	123	0.0736
19	0.2866	70	0.3716	124	-0.0154
20	0.3396	71	0.3366	125	-0.0864
21	0.3386	72	0.2856	126	-0.0524
22	0.3446	73	0.2016	127	-0.0664
23	0.3416	74	-0.1524	128	-0.0344
24	0.3356	75	0.5296	129	-0.1814
25	0.3296	76	0.4726	135	-0.0464
26	0.3166	77	0.4236	136	-0.0434
27	0.2886	78	0.3716	137	-0.0384
28	0.1666	79	0.3096	138	0.0466
29	-0.0074	80	0.2326	139	0.0446
30	0.1256	81	0.1106	140	0.0436
32	0.3596	82	-0.1894	141	0.2346
33	0.3786	83	0.5086	142	0.2316
34	0.3716	84	0.4256	143	0.1946
35	0.3686	85	0.3426	145	-0.0484
36	0.3616	86	0.2536	147	0.2336
37	0.3526	87	0.1706	151	0.2056
38	0.3406	88	0.0816	152	0.0256
39	0.3216	89	-0.2264	153	-0.0694
40	0.2886	90	0.4216	154	-0.2384
41	0.1886	91	0.2266	155	0.1776
42	-0.0844	92	0.1376	156	0.3656
43	0.3966	93	0.0776	157	0.1946
44	0.4096	94	0.0116	158	0.6276
45	0.4086	95	-0.2794	159	0.4626
46	0.4056	96	-0.3964	160	0.4156
47	0.3916	97	-0.1674	161	0.3226
48	0.3816	98	-0.1494	162	0.5496
49	0.3626	99	-0.1294	163	0.4736
50	0.3396	100	-0.0824	164	0.0306
51	0.3096	101	-0.1544	165	0.2246

ORF	CP	ORF	CP	ORF	CP
166	0.4536	217	0.0726	268	-0.0944
167	0.4486	218	0.0736	269	0.3006
168	0.4086	219	0.0716	270	0.3736
169	0.2536	220	0.0746	271	-0.1254
170	0.3436	221	0.1026	272	-0.1654
171	0.3386	222	-0.0064	273	0.2686
172	0.1146	223	-0.2464	274	0.3296
173	0.1896	224	-0.2664	275	0.5676
174	0.1046	225	0.4376	276	0.5926
175	-0.0974	226	0.3416	277	0.4856
176	-0.3564	227	-0.3054	278	-0.5644
177	0.0386	228	-0.1874	279	-0.4824
178	-0.0794	229	-0.0854	280	-0.3604
179	-0.1004	230	0.0486	281	-0.2114
180	-0.3344	231	0.1306	282	0.1066
181	0.5936	232	0.1746	283	0.2616
182	0.7726	233	0.2136	284	0.3216
183	0.5666	234	0.2076	285	0.0716
184	0.9076	235	0.0576	286	-0.1444
185	1.1036	236	-0.0114	287	-0.1504
186	1.2486	237	-0.1314	288	0.1836
187	1.3336	238	-0.1124	289	0.2996
188	1.3876	239	0.4696	290	0.3286
189	1.3966	240	0.3966	291	-0.5174
190	-0.3234	241	-0.5634	292	-0.0494
191	-0.2934	242	-0.4384	325	0.0776
192	-0.3154	244	-0.0654	326	0.0776
193	-0.3134	245	0.1056	327	0.0786
194	-0.3154	246	0.1896	328	0.0766
195	-0.2944	247	0.2466	329	0.0766
196	-0.3304	248	0.2546	330	0.0776
197	-0.3154	249	0.0626	331	0.0766
198	-0.3234	250	-0.0244	332	0.0786
199	-0.3234	251	0.0406	333	0.0776
200	-0.3014	252	0.1266	334	0.0766
201	-0.3074	253	0.5116	335	0.0776
202	-0.3104	254	0.4156	336	0.0776
203	-0.3114	255	-0.6724	337	0.0776
204	-0.3074	256	-0.5824	338	0.0766
205	0.3436	257	-0.4924	339	0.0786
206	0.3406	258	-0.2574	340	0.0776
207	0.4596	259	0.1266	341	0.0766
208	0.4876	260	0.2346	350	0.0746
210	0.3226	261	0.2956	351	0.0746
211	0.4446	262	0.3096	352	0.0736
212	0.4676	263	0.0126	353	0.0756
213	0.0736	264	-0.0604	354	0.0736
214	0.0746	265	0.2516	355	0.0736
215	0.0756	266	0.3506		
216	0.0756	267	-0.0044		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1825
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 309.
CONFIGURATION NO. = 14.
ANGLE OF MODEL ROLL(DEG) = 3150.0
MACH NUMBER = 1.201
TUNNEL DYNAMIC PRESSURE(PSF) = 797.
TUNNEL STAGNATION PRESSURE(PSF) = 1916.
TUNNEL STATIC PRESSURE(PSF) = 789.
REYNOLDS NUMBER PER FOOT = 3.9970E 06
MODEL ANGLE OF ATTACK(DEG) = -4.03
FIN ANGLE(DEG) = -0.
FREE*STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 560.

SCANIVALUE	CP(REF)
147	0.1540
247	0.1530
347	0.1530
447	0.1530
547	0.1510
647	0.1510
747	0.0890

ORF	CP	ORF	CP	ORF	CP
1	0.2930	52	0.1940	102	-0.1440
2	-0.0820	53	0.0100	103	-0.5840
3	-0.3620	54	-0.1590	104	0.0930
4	-0.1220	55	0.2640	105	-0.4450
5	-0.0130	56	0.2840	110	-0.1500
6	0.0650	57	0.2960	111	-0.1710
7	0.1130	58	0.2980	112	-0.1150
8	0.1540	59	0.2950	113	-0.1260
9	0.1690	60	0.2840	114	0.0860
10	0.1930	61	0.2630	115	0.0880
11	0.1980	62	0.2340	116	0.0880
12	0.1930	63	0.1900	117	0.0870
13	0.1800	64	-0.1450	118	0.0870
14	0.0640	65	-0.1520	119	0.0870
15	-0.0180	66	0.3430	120	-0.1710
16	0.0520	67	0.3180	121	0.0750
17	-0.1390	68	0.3040	122	0.0860
18	-0.1550	69	0.2940	123	0.0850
19	0.0570	70	0.2800	124	-0.0200
20	0.1350	71	0.2640	125	-0.0920
21	0.1620	72	0.2290	126	-0.0530
22	0.1780	73	0.1610	127	-0.0760
23	0.1990	74	-0.1780	128	-0.0360
24	0.2090	75	0.3940	129	-0.1950
25	0.2140	76	0.3660	135	-0.0380
26	0.2010	77	0.3280	136	-0.0450
27	0.1830	78	0.2970	137	-0.0350
28	0.0780	79	0.2480	138	0.0210
29	-0.0700	80	0.1810	139	0.0210
30	0.0260	81	0.0740	140	0.0230
32	0.0050	82	-0.2150	141	0.2120
33	0.1720	83	0.3980	142	0.2080
34	0.2050	84	0.3390	143	0.1940
35	0.2160	85	0.2770	145	-0.0470
36	0.2220	86	0.1940	147	0.2000
37	0.2310	87	0.1220	151	0.1130
38	0.2320	88	0.0480	152	-0.0500
39	0.2290	89	-0.2420	153	-0.1520
40	0.2040	90	0.3330	154	-0.3290
41	0.1110	91	0.1530	155	0.1860
42	-0.1380	92	0.0900	156	0.2560
43	0.0700	93	0.0540	157	0.0910
44	0.0400	94	0.0210	158	0.5400
45	0.2540	95	-0.2510	159	0.3550
46	0.2700	96	-0.3670	160	0.3350
47	0.2710	97	-0.1680	161	0.2490
48	0.2710	98	-0.1150	162	0.4730
49	0.2700	99	-0.0650	163	0.4040
50	0.2580	100	0.0680	164	-0.0010
51	0.2290	101	-0.1810	165	0.1520

ORF	CP	ORF	CP	ORF	CP
166	0.4270	217	0.0860	268	-0.0930
167	0.3850	218	0.0850	269	0.2450
168	0.3400	219	0.0850	270	0.3280
169	0.1970	220	0.0840	271	-0.1480
170	0.2280	221	0.0750	272	-0.1690
171	0.3220	222	-0.0540	273	0.2450
172	0.0950	223	-0.2830	274	0.3020
173	0.1580	224	-0.3000	275	0.4840
174	0.0840	225	0.3680	276	0.4640
175	-0.0910	226	0.2660	277	0.3560
176	-0.3510	227	-0.5440	278	-0.6250
177	-0.0470	228	-0.4310	279	-0.5790
178	-0.1740	229	-0.2790	280	-0.4660
179	-0.1570	230	-0.1070	281	-0.2980
180	-0.3400	231	-0.0010	282	-0.0370
181	0.3960	232	0.0800	283	0.0800
182	0.5350	233	0.1420	284	0.1830
183	0.4910	234	0.1440	285	0.0890
184	0.8070	235	0.0060	286	-0.1690
185	0.9280	236	-0.0570	287	-0.1660
186	1.0250	237	-0.1750	288	0.2060
187	1.1440	238	-0.1610	289	0.2960
188	1.2490	239	0.3980	290	0.2580
189	1.3140	240	0.3310	291	-0.5220
190	-0.3280	241	-0.6580	292	-0.0100
191	-0.3270	242	-0.5540	325	0.0940
192	-0.3220	244	-0.2130	326	0.0920
193	-0.3260	245	-0.0160	327	0.0910
194	-0.3260	246	0.0700	328	0.0900
195	-0.3170	247	0.1600	329	0.0900
196	-0.3240	248	0.1770	330	0.0900
197	-0.3220	249	0.0190	331	0.0930
198	-0.3250	250	-0.0520	332	0.0910
199	-0.3300	251	-0.0210	333	0.0910
200	-0.3230	252	0.0520	334	0.0910
201	-0.3210	253	0.4090	335	0.0900
202	-0.3240	254	0.3020	336	0.0950
203	-0.3270	255	-0.7160	337	0.0940
204	-0.3270	256	-0.6460	338	0.0920
205	0.3070	257	-0.5860	339	0.0910
206	0.3060	258	-0.3630	340	0.0900
207	0.3950	259	-0.0520	341	0.0900
208	0.3940	260	0.0640	350	0.0870
210	0.2430	261	0.0770	351	0.0880
211	0.3570	262	0.1930	352	0.0870
212	0.3740	263	-0.0280	353	0.0870
213	0.0850	264	-0.0560	354	0.0880
214	0.0860	265	0.2050	355	0.0880
215	0.0860	266	0.2840		
216	0.0860	267	-0.0500		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1826

TUNNEL = 11

TEST NO. = 086

TEST PHASE = 2

RUN NUMBER = 309.

CONFIGURATION NO. = 14.

ANGLE OF MODEL ROLL(DEG) = 3150.0

MACH NUMBER = 1.198

TUNNEL DYNAMIC PRESSURE(PSF) = 796.

TUNNEL STAGNATION PRESSURE(PSF) = 1916.

TUNNEL STATIC PRESSURE(PSF) = 791.

REYNOLDS NUMBER PER FOOT = 3.9920E 06

MODEL ANGLE OF ATTACK(DEG) = 0.07

FIN ANGLE(DEG) = -0.

FREE-STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 560.

SCANIVALUE	CP(REF)
147	0.1513
247	0.1503
347	0.1503
447	0.1513
547	0.1513
647	0.1503
747	0.1493

ORF	CP	ORF	CP	ORF	CP
1	0.2683	52	0.0903	102	-0.1617
2	-0.1037	53	-0.0667	103	-0.5837
3	-0.4187	54	-0.2127	104	0.1013
4	-0.3337	55	-0.0177	105	-0.4417
5	-0.2347	56	-0.0217	110	-0.1317
6	-0.0717	57	0.0383	111	-0.1347
7	-0.0017	58	0.1103	112	-0.1057
8	0.0273	59	0.1143	113	-0.1217
9	0.0393	60	0.1123	114	0.0993
10	0.0613	61	0.1223	115	0.1003
11	0.0633	62	0.1243	116	0.1003
12	0.0723	63	0.0943	117	0.0993
13	0.0743	64	-0.1887	118	0.0993
14	-0.0237	65	-0.1987	119	0.1003
15	-0.1027	66	0.0573	120	-0.1577
16	-0.0067	67	0.1273	121	0.0943
17	-0.1967	68	0.1263	122	0.1003
18	-0.3147	69	0.1243	123	0.0993
19	-0.2337	70	0.1333	124	-0.0057
20	-0.0277	71	0.1363	125	-0.0807
21	0.0423	72	0.1403	126	-0.0407
22	0.0533	73	0.0943	127	-0.0607
23	0.0543	74	-0.2077	128	-0.0237
24	0.0583	75	0.1443	129	-0.1787
25	0.0783	76	0.1443	135	-0.0297
26	0.0853	77	0.1403	136	-0.0327
27	0.0743	78	0.1533	137	-0.0247
28	-0.0107	79	0.1583	138	0.0513
29	-0.1527	80	0.1163	139	0.0523
30	-0.0567	81	0.0253	140	0.0553
32	-0.2177	82	-0.2257	141	0.2173
33	-0.0837	83	0.1703	142	0.2083
34	0.0503	84	0.1653	143	0.2183
35	0.0743	85	0.1623	145	-0.0327
36	0.0803	86	0.1303	147	0.2053
37	0.0793	87	0.1073	151	0.0433
38	0.0863	88	0.0503	152	-0.1287
39	0.0983	89	-0.2287	153	-0.2177
40	0.0883	90	0.1703	154	-0.3987
41	0.0233	91	0.1193	155	0.0563
42	-0.2077	92	0.1133	156	0.2083
43	-0.0487	93	0.0923	157	0.0323
44	-0.1127	94	0.0533	158	0.4753
45	-0.0847	95	-0.2267	159	0.3293
46	0.0503	96	-0.4027	160	0.2923
47	0.0783	97	-0.2117	161	0.1933
48	0.0873	98	0.0803	162	0.4393
49	0.0933	99	0.1483	163	0.4063
50	0.1063	100	0.0413	164	0.0353
51	0.1083	101	-0.1897	165	0.1363

ORF	CP	ORF	CP	ORF	CP
166	0.5023	217	0.1003	268	-0.1477
167	0.3413	218	0.1013	269	0.1703
168	0.3193	219	0.1013	270	0.2253
169	0.2113	220	0.1023	271	-0.1777
170	0.0873	221	-0.0037	272	-0.2077
171	0.2463	222	-0.1207	273	0.1183
172	0.0533	223	-0.3147	274	0.2103
173	0.0653	224	-0.3227	275	0.3343
174	-0.0407	225	0.3153	276	0.4443
175	-0.2087	226	0.2563	277	0.3363
176	-0.4017	227	-0.6417	278	-0.6287
177	-0.1167	228	-0.5417	279	-0.5847
178	-0.2377	229	-0.3857	280	-0.4927
179	-0.2557	230	-0.2157	281	-0.3907
180	-0.3407	231	-0.0527	282	-0.2287
181	0.4233	232	-0.0117	283	-0.0397
182	0.5783	233	0.0253	284	0.0513
183	0.5343	234	0.0603	285	0.1013
184	0.8063	235	-0.0857	286	-0.1857
185	0.8553	236	-0.1277	287	-0.2237
186	0.8763	237	-0.2247	288	0.0793
187	0.9383	238	-0.2087	289	0.2103
188	1.0283	239	0.3153	290	0.1863
189	1.0823	240	0.2383	291	-0.3527
190	-0.3327	241	-0.6757	292	0.0933
191	-0.3397	242	-0.5817	325	0.1013
192	-0.3317	244	-0.2397	326	0.1023
193	-0.3307	245	-0.1077	327	0.1003
194	-0.3337	246	-0.0567	328	0.1013
195	-0.3307	247	0.0213	329	0.1013
196	-0.3407	248	0.0723	330	0.1013
197	-0.3337	249	-0.0727	331	0.1023
198	-0.3347	250	-0.1087	332	0.0993
199	-0.3347	251	-0.0767	333	0.1003
200	-0.3367	252	-0.0117	334	0.1013
201	-0.3347	253	0.3513	335	0.1003
202	-0.3297	254	0.2503	336	0.1023
203	-0.3307	255	-0.7327	337	0.1013
204	-0.3327	256	-0.6737	338	0.1023
205	0.2573	257	-0.6237	339	0.1013
206	0.2553	258	-0.4557	340	0.1013
207	0.2953	259	-0.0917	341	0.1023
208	0.2693	260	-0.0237	350	0.1013
210	0.1923	261	0.0393	351	0.0983
211	0.2983	262	0.1023	352	0.0993
212	0.3463	263	-0.1277	353	0.0993
213	0.1013	264	-0.1167	354	0.0993
214	0.1013	265	0.1323	355	0.0993
215	0.1013	266	0.2063		
216	0.1013	267	-0.1477		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1827
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 309.
CONFIGURATION NO. = 14.
ANGLE OF MODEL ROLL(DEG) = 3150.0
MACH NUMBER = 1.195
TUNNEL DYNAMIC PRESSURE(PSF) = 795.
TUNNEL STAGNATION PRESSURE(PSF) = 1916.
TUNNEL STATIC PRESSURE(PSF) = 795.
REYNOLDS NUMBER PER FOOT = 3.9920E 06
MODEL ANGLE OF ATTACK(DEG) = 4.01
FIN ANGLE(DEG) = -0.
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 560.

SCANIVALUE	CP(REF)
147	0.1450
247	0.1450
347	0.1460
447	0.1460
547	0.1460
647	0.1450
747	0.1410

ORF	CP	ORF	CP	ORF	CP
1	0.1750	52	-0.0480	102	-0.2250
2	-0.1850	53	-0.1860	103	-0.6340
3	-0.4210	54	-0.2790	104	0.1130
4	-0.3130	55	-0.1450	105	-0.5200
5	-0.2600	56	-0.1980	110	-0.1080
6	-0.2440	57	-0.2180	111	-0.1070
7	-0.2370	58	-0.2280	112	-0.0900
8	-0.1880	59	-0.2160	113	-0.1080
9	-0.1550	60	-0.1470	114	0.1160
10	-0.1220	61	-0.0770	115	0.1150
11	-0.0890	62	-0.0490	116	0.1150
12	-0.0610	63	-0.0450	117	0.1170
13	-0.0420	64	-0.2690	118	0.1150
14	-0.1240	65	-0.2720	119	0.1150
15	-0.2030	66	-0.1670	120	-0.1400
16	-0.0880	67	-0.1810	121	0.1120
17	-0.2460	68	-0.2050	122	0.1150
18	-0.3050	69	-0.2140	123	0.1170
19	-0.2660	70	-0.1820	124	-0.0100
20	-0.2550	71	-0.1180	125	-0.0780
21	-0.2370	72	-0.0520	126	-0.0550
22	-0.1970	73	-0.0520	127	-0.0610
23	-0.1440	74	-0.2660	128	-0.0340
24	-0.1070	75	-0.2940	129	-0.1620
25	-0.0810	76	-0.1610	135	-0.0350
26	-0.0530	77	-0.1920	136	-0.0310
27	-0.0530	78	-0.1980	137	-0.0320
28	-0.1310	79	-0.1480	138	0.0610
29	-0.2290	80	-0.0820	139	0.0600
30	-0.1520	81	-0.0780	140	0.0600
32	-0.2690	82	-0.2370	141	0.2140
33	-0.2630	83	-0.4050	142	0.2040
34	-0.2480	84	-0.1550	143	0.2170
35	-0.2120	85	-0.1760	145	-0.0330
36	-0.1660	86	-0.1770	147	0.2060
37	-0.1160	87	-0.0790	151	0.0550
38	-0.0800	88	-0.0380	152	-0.1270
39	-0.0510	89	-0.2480	153	-0.2360
40	-0.0530	90	-0.5160	154	-0.3530
41	-0.1190	91	-0.0850	155	-0.0320
42	-0.2470	92	-0.1080	156	0.1200
43	-0.1720	93	-0.1160	157	-0.0280
44	-0.2210	94	-0.0590	158	0.2540
45	-0.2450	95	-0.2670	159	0.2060
46	-0.2450	96	-0.2820	160	0.1450
47	-0.2250	97	-0.2760	161	0.0460
48	-0.1790	98	0.1040	162	0.2610
49	-0.1200	99	0.1420	163	0.2120
50	-0.0750	100	-0.0720	164	0.0510
51	-0.0430	101	-0.2480	165	0.0040

ORF	CP	ORF	CP	ORF	CP
166	0.3610	217	0.1130	268	-0.2350
167	0.2360	218	0.1140	269	0.0670
168	0.2190	219	0.1150	270	0.1210
169	0.1300	220	0.1140	271	-0.2400
170	0.0710	221	-0.0740	272	-0.2560
171	0.1860	222	-0.2030	273	0.0170
172	0.0090	223	-0.3370	274	0.1100
173	0.0060	224	-0.3470	275	0.2700
174	-0.0870	225	0.2760	276	0.3690
175	-0.2490	226	0.1930	277	0.2470
176	-0.3980	227	-0.6930	278	-0.6640
177	-0.1160	228	-0.6220	279	-0.6310
178	-0.1870	229	-0.5210	280	-0.5400
179	-0.2030	230	-0.3280	281	-0.3890
180	-0.3330	231	-0.1650	282	-0.2620
181	0.3530	232	-0.1350	283	-0.2410
182	0.4690	233	-0.0950	284	-0.1350
183	0.3790	234	-0.0420	285	0.1140
184	0.5800	235	-0.1730	286	-0.2430
185	0.6300	236	-0.2190	287	-0.2720
186	0.7060	237	-0.2890	288	-0.0010
187	0.7930	238	-0.2650	289	0.1210
188	0.8960	239	0.2860	290	0.1120
189	0.9300	240	0.2030	291	-0.3120
190	-0.3320	241	-0.7320	292	0.2080
191	-0.3390	242	-0.6540	325	0.1140
192	-0.3360	244	-0.4010	326	0.1160
193	-0.3350	245	-0.2670	327	0.1170
194	-0.3340	246	-0.1770	328	0.1150
195	-0.3360	247	-0.1050	329	0.1150
196	-0.3420	248	0.0040	330	0.1160
197	-0.3350	249	-0.1880	331	0.1150
198	-0.3310	250	-0.2040	332	0.1160
199	-0.3370	251	-0.1450	333	0.1150
200	-0.3370	252	-0.0480	334	0.1130
201	-0.3340	253	0.3770	335	0.1150
202	-0.3340	254	0.2890	336	0.1140
203	-0.3330	255	-0.7240	337	0.1140
204	-0.3340	256	-0.6630	338	0.1170
205	0.2310	257	-0.6130	339	0.1180
206	0.2340	258	-0.5240	340	0.1160
207	0.2720	259	-0.3720	341	0.1150
208	0.2570	260	-0.1990	350	0.1150
210	0.1860	261	-0.1190	351	0.1150
211	0.2840	262	0.0150	352	0.1170
212	0.3080	263	-0.2630	353	0.1160
213	0.1130	264	-0.2060	354	0.1160
214	0.1130	265	0.0430	355	0.1150
215	0.1150	266	0.1140		
216	0.1130	267	-0.2310		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1828

TUNNEL = 11

TEST NO. = 086

TEST PHASE = 2

RUN NUMBER = 309.

CONFIGURATION NO. = 14.

ANGLE OF MODEL ROLL(DEG) = 3150.0

MACH NUMBER = 1.205

TUNNEL DYNAMIC PRESSURE(PSF) = 799.

TUNNEL STAGNATION PRESSURE(PSF) = 1918.

TUNNEL STATIC PRESSURE(PSF) = 786.

REYNOLDS NUMBER PER FOOT = 3.9950E 06

MODEL ANGLE OF ATTACK(DEG) = 7.96

FIN ANGLE(DEG) = -0.

FREE-STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 561.

SCANIVALUE	CP(REF)
147	0.1583
247	0.1563
347	0.1563
447	0.1563
547	0.1603
647	0.1593
747	0.1553

ORF	CP	ORF	CP	ORF	CP
1	0.1393	52	-0.1607	102	-0.2737
2	-0.2077	53	-0.2937	103	-0.6597
3	-0.4327	54	-0.3447	104	0.1303
4	-0.2977	55	-0.4427	105	-0.5647
5	-0.1957	56	-0.2977	110	-0.0717
6	-0.1877	57	-0.2607	111	-0.0677
7	-0.1677	58	-0.2367	112	-0.0567
8	-0.1517	59	-0.2167	113	-0.0957
9	-0.1587	60	-0.1917	114	0.1283
10	-0.1547	61	-0.1747	115	0.1273
11	-0.1307	62	-0.1617	116	0.1273
12	-0.1037	63	-0.1607	117	0.1273
13	-0.0917	64	-0.3727	118	0.1283
14	-0.1687	65	-0.3727	119	0.1233
15	-0.2557	66	-0.5667	120	-0.1297
16	-0.1117	67	-0.3707	121	0.1253
17	-0.2537	68	-0.2677	122	0.1283
18	-0.2727	69	-0.2347	123	0.1293
19	-0.2067	70	-0.2187	124	-0.0317
20	-0.1887	71	-0.1937	125	-0.0947
21	-0.1887	72	-0.1787	126	-0.0757
22	-0.1757	73	-0.1827	127	-0.0857
23	-0.1677	74	-0.3737	128	-0.0597
24	-0.1617	75	-0.6247	129	-0.1577
25	-0.1357	76	-0.4857	135	-0.0637
26	-0.1137	77	-0.3077	136	-0.0637
27	-0.1097	78	-0.2417	137	-0.0567
28	-0.1927	79	-0.2137	138	0.0473
29	-0.2987	80	-0.1897	139	0.0503
30	-0.1797	81	-0.1987	140	0.0413
32	-0.2207	82	-0.3357	141	0.2213
33	-0.2127	83	-0.6347	142	0.2183
34	-0.2057	84	-0.5107	143	0.2253
35	-0.1887	85	-0.3467	145	-0.0597
36	-0.1767	86	-0.2477	147	0.2133
37	-0.1707	87	-0.1527	151	0.0133
38	-0.1477	88	-0.1397	152	-0.1627
39	-0.1237	89	-0.3207	153	-0.2517
40	-0.1317	90	-0.6847	154	-0.3207
41	-0.2027	91	-0.5117	155	-0.0517
42	-0.3117	92	-0.3867	156	0.0183
43	-0.2727	93	-0.2097	157	-0.1057
44	-0.2407	94	-0.1607	158	0.1713
45	-0.2327	95	-0.3337	159	0.0953
46	-0.2107	96	-0.1907	160	0.0433
47	-0.1877	97	-0.3097	161	-0.0597
48	-0.1847	98	0.1303	162	0.1843
49	-0.1727	99	0.1783	163	0.1043
50	-0.1577	100	-0.0857	164	0.0463
51	-0.1467	101	-0.3017	165	-0.0737

ORF	CP	ORF	CP	ORF	CP
166	0.3173	217	0.1303	268	-0.2727
167	0.1983	218	0.1303	269	0.0343
168	0.1893	219	0.1333	270	0.0793
169	0.1113	220	0.1313	271	-0.2967
170	0.1933	221	-0.0937	272	-0.2837
171	0.0833	222	-0.2097	273	0.0303
172	-0.0627	223	-0.3697	274	0.0703
173	-0.0447	224	-0.3647	275	0.1453
174	-0.1397	225	0.3023	276	0.3313
175	-0.3217	226	0.2223	277	0.2173
176	-0.3717	227	-0.6777	278	-0.6617
177	-0.1647	228	-0.6187	279	-0.6207
178	-0.2427	229	-0.5227	280	-0.5247
179	-0.2137	230	-0.3897	281	-0.3897
180	-0.3137	231	-0.2597	282	-0.2237
181	0.1853	232	-0.2057	283	-0.1667
182	0.3283	233	-0.1147	284	-0.1507
183	0.2873	234	-0.0317	285	0.1313
184	0.4313	235	-0.1987	286	-0.2917
185	0.4753	236	-0.2337	287	-0.3067
186	0.5193	237	-0.3157	288	-0.0197
187	0.5583	238	-0.2817	289	0.0973
188	0.6143	239	0.3173	290	0.0643
189	0.6383	240	0.2403	291	-0.1257
190	-0.3227	241	-0.7257	292	0.3213
191	-0.3247	242	-0.6487	325	0.1303
192	-0.3167	244	-0.4477	326	0.1303
193	-0.3167	245	-0.3547	327	0.1313
194	-0.3137	246	-0.2637	328	0.1303
195	-0.3227	247	-0.1147	329	0.1313
196	-0.3317	248	-0.0227	330	0.1293
197	-0.3187	249	-0.2217	331	0.1303
198	-0.3187	250	-0.2447	332	0.1303
199	-0.3147	251	-0.1677	333	0.1303
200	-0.3247	252	-0.0777	334	0.1313
201	-0.3167	253	0.3553	335	0.1293
202	-0.3147	254	0.2433	336	0.1273
203	-0.3157	255	-0.7267	337	0.1293
204	-0.3177	256	-0.6707	338	0.1313
205	0.1813	257	-0.6197	339	0.1303
206	0.1833	258	-0.5317	340	0.1303
207	0.2273	259	-0.3447	341	0.1303
208	0.1273	260	-0.1597	350	0.1263
210	0.1663	261	-0.1457	351	0.1283
211	0.3043	262	-0.0357	352	0.1263
212	0.3233	263	-0.3287	353	0.1303
213	0.1303	264	-0.2397	354	0.1283
214	0.1273	265	0.0063	355	0.1303
215	0.1283	266	0.0673		
216	0.1303	267	-0.3037		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1829
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 309.
CONFIGURATION NO. = 14.
ANGLE OF MODEL ROLL(DEG) = 3150.0
MACH NUMBER = 1.190
TUNNEL DYNAMIC PRESSURE(PSF) = 793.
TUNNEL STAGNATION PRESSURE(PSF) = 1916.
TUNNEL STATIC PRESSURE(PSF) = 801.
REYNOLDS NUMBER PER FOOT = 3.9930E 06
MODEL ANGLE OF ATTACK(DEG) = 11.95
FIN ANGLE(DEG) = -0.
FREE-STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 560.

SCANVALUE	CP(REF)
147	0.1389
247	0.1369
347	0.1379
447	0.1389
547	0.1339
647	0.1329
747	0.1329

ORF	CP	ORF	CP	ORF	CP
1	0.0799	52	-0.2561	102	-0.3411
2	-0.1791	53	-0.3961	103	-0.6701
3	-0.2491	54	-0.3881	104	0.1069
4	-0.1851	55	-0.3811	105	-0.5871
5	-0.1341	56	-0.3001	110	-0.0411
6	-0.1121	57	-0.2581	111	-0.0391
7	-0.1071	58	-0.2341	112	-0.0271
8	-0.1051	59	-0.2201	113	-0.0781
9	-0.1221	60	-0.2161	114	0.0849
10	-0.1131	61	-0.2241	115	0.0869
11	-0.1091	62	-0.2521	116	0.0839
12	-0.1001	63	-0.2951	117	0.0849
13	-0.1091	64	-0.4601	118	0.0919
14	-0.2101	65	-0.4381	119	0.0899
15	-0.2951	66	-0.5851	120	-0.1621
16	-0.1351	67	-0.4961	121	0.0829
17	-0.2051	68	-0.4071	122	0.0849
18	-0.1851	69	-0.3151	123	0.0889
19	-0.1331	70	-0.2611	124	-0.1611
20	-0.1251	71	-0.2461	125	-0.1251
21	-0.1371	72	-0.2601	126	-0.1001
22	-0.1451	73	-0.3021	127	-0.1121
23	-0.1551	74	-0.4781	128	-0.0971
24	-0.1561	75	-0.6171	129	-0.1881
25	-0.1381	76	-0.5681	135	-0.0991
26	-0.1281	77	-0.5241	136	-0.1041
27	-0.1401	78	-0.4681	137	-0.0951
28	-0.2291	79	-0.3921	138	-0.0031
29	-0.3461	80	-0.3411	139	-0.0031
30	-0.1481	81	-0.3311	140	0.0139
32	-0.1481	82	-0.4661	141	0.2029
33	-0.1601	83	-0.5871	142	0.1969
34	-0.1741	84	-0.5671	143	0.1919
35	-0.1851	85	-0.5321	145	-0.1051
36	-0.1871	86	-0.4871	147	0.1969
37	-0.1881	87	-0.4471	151	-0.0041
38	-0.1761	88	-0.3901	152	-0.2111
39	-0.1701	89	-0.4581	153	-0.2561
40	-0.1911	90	-0.5911	154	-0.2791
41	-0.2771	91	-0.5711	155	-0.1151
42	-0.3931	92	-0.5121	156	-0.1041
43	-0.1721	93	-0.4861	157	-0.1971
44	-0.1891	94	-0.5001	158	0.0899
45	-0.1991	95	-0.5491	159	-0.0211
46	-0.1951	96	-0.1591	160	-0.0701
47	-0.2001	97	-0.3631	161	-0.1491
48	-0.1931	98	0.0109	162	0.0429
49	-0.1971	99	0.1699	163	-0.0031
50	-0.1971	100	-0.1101	164	-0.0011
51	-0.2181	101	-0.3521	165	-0.1641

ORF	CP	ORF	CP	ORF	CP
166	0.0869	217	0.0869	268	-0.3431
167	0.0299	218	0.0859	269	-0.0831
168	0.0009	219	0.0839	270	-0.0381
169	-0.0741	220	0.0869	271	-0.3511
170	-0.0641	221	-0.0621	272	-0.3491
171	-0.0231	222	-0.2121	273	-0.1101
172	-0.1471	223	-0.4221	274	-0.0711
173	-0.0981	224	-0.4141	275	0.0039
174	-0.1851	225	0.3329	276	0.2409
175	-0.2661	226	0.2649	277	0.1549
176	-0.3361	227	-0.6831	278	-0.5901
177	-0.2761	228	-0.6161	279	-0.5111
178	-0.2381	229	-0.5341	280	-0.4211
179	-0.2311	230	-0.4291	281	-0.3001
180	-0.3351	231	-0.3481	282	-0.1871
181	0.1539	232	-0.3161	283	-0.1261
182	0.2399	233	-0.2341	284	-0.1421
183	0.1739	234	-0.0111	285	0.0889
184	0.3369	235	-0.1751	286	-0.3601
185	0.3779	236	-0.2481	287	-0.3821
186	0.4049	237	-0.3661	288	-0.1421
187	0.4279	238	-0.3651	289	-0.0701
188	0.4419	239	0.2759	290	-0.0411
189	0.4509	240	0.2029	291	-0.0771
190	-0.3381	241	-0.7251	292	0.3339
191	-0.3591	242	-0.6441	325	0.0889
192	-0.3331	244	-0.4961	326	0.0899
193	-0.3331	245	-0.4511	327	0.0949
194	-0.3321	246	-0.4031	328	0.0909
195	-0.3611	247	-0.1371	329	0.0909
196	-0.3531	248	-0.0471	330	0.0939
197	-0.3431	249	-0.2801	331	0.0889
198	-0.3411	250	-0.3171	332	0.0939
199	-0.3391	251	-0.2951	333	0.0909
200	-0.3581	252	-0.1581	334	0.0879
201	-0.3451	253	0.2389	335	0.0929
202	-0.3431	254	0.1359	336	0.0889
203	-0.3461	255	-0.7751	337	0.0919
204	-0.3491	256	-0.7281	338	0.0909
205	0.1179	257	-0.6881	339	0.0959
206	0.1179	258	-0.5991	340	0.0879
207	0.0759	259	-0.2991	341	0.0929
208	-0.1871	260	-0.1621	350	0.0849
210	0.1299	261	-0.1551	351	0.0869
211	0.3059	262	-0.0971	352	0.0859
212	0.3609	263	-0.3711	353	0.0909
213	0.0839	264	-0.3251	354	0.0899
214	0.0829	265	-0.1041	355	0.0909
215	0.0849	266	-0.0381		
216	0.0849	267	-0.3591		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1830

TUNNEL = 11

TEST NO. = 086

TEST PHASE = 2

RUN NUMBER = 309.

CONFIGURATION NO. = 14.

ANGLE OF MODEL ROLL(DEG) = 3150.0

MACH NUMBER = 1.204

TUNNEL DYNAMIC PRESSURE(PSF) = 798.

TUNNEL STAGNATION PRESSURE(PSF) = 1917.

TUNNEL STATIC PRESSURE(PSF) = 787.

REYNOLDS NUMBER PER FOOT = 4.0030E 06

MODEL ANGLE OF ATTACK(DEG) = 0.11

FIN ANGLE(DEG) = -0.

FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 560.

SCANIVALUE	CP(REF)
147	0.1558
247	0.1528
347	0.1538
447	0.1548
547	0.1588
647	0.1578
747	0.1068

ORF	CP	ORF	CP	ORF	CP
1	0.2548	52	0.0918	102	-0.1552
2	-0.1062	53	-0.0652	103	-0.5772
3	-0.4272	54	-0.2112	104	0.1058
4	-0.3282	55	-0.0232	105	-0.4342
5	-0.2152	56	-0.0482	110	-0.1272
6	-0.0532	57	-0.0052	111	-0.1312
7	0.0078	58	0.0918	112	-0.1042
8	0.0338	59	0.0948	113	-0.1152
9	0.0438	60	0.1078	114	0.1058
10	0.0518	61	0.1108	115	0.1068
11	0.0568	62	0.1278	116	0.1068
12	0.0708	63	0.1018	117	0.1068
13	0.0698	64	-0.1832	118	0.1058
14	-0.0212	65	-0.1922	119	0.1058
15	-0.1012	66	-0.0042	120	-0.1512
16	0.0008	67	0.0608	121	0.0968
17	-0.1932	68	0.1008	122	0.1068
18	-0.3032	69	0.1118	123	0.1058
19	-0.2462	70	0.1178	124	-0.0532
20	-0.0562	71	0.1358	125	-0.0742
21	0.0278	72	0.1388	126	-0.0372
22	0.0338	73	0.0998	127	-0.0562
23	0.0488	74	-0.1952	128	-0.0202
24	0.0568	75	0.0848	129	-0.1732
25	0.0728	76	0.1328	135	-0.0182
26	0.0788	77	0.1418	136	-0.0242
27	0.0788	78	0.1478	137	-0.0192
28	-0.0072	79	0.1618	138	0.0758
29	-0.1502	80	0.1268	139	0.0748
30	-0.0572	81	0.0358	140	0.0548
32	-0.2292	82	-0.2182	141	0.2328
33	-0.1242	83	0.1708	142	0.2208
34	0.0268	84	0.1698	143	0.2268
35	0.0598	85	0.1748	145	-0.0312
36	0.0698	86	0.1278	147	0.2228
37	0.0748	87	0.1018	151	0.0458
38	0.0848	88	0.0468	152	-0.1252
39	0.0948	89	-0.2262	153	-0.2182
40	0.0858	90	0.1588	154	-0.4032
41	0.0238	91	0.1128	155	0.0488
42	-0.2032	92	0.1218	156	0.2078
43	-0.0442	93	0.0928	157	0.0388
44	-0.1092	94	0.0518	158	0.4538
45	-0.1022	95	-0.2242	159	0.3298
46	0.0748	96	-0.3982	160	0.2998
47	0.1018	97	-0.2072	161	0.1978
48	0.0938	98	0.0308	162	0.4408
49	0.0968	99	0.1458	163	0.4178
50	0.1038	100	0.0408	164	0.0558
51	0.1058	101	-0.1822	165	0.1438

ORF	CP	ORF	CP	ORF	CP
166	0.5008	217	0.1108	268	-0.1402
167	0.3368	218	0.1098	269	0.1748
168	0.3178	219	0.1108	270	0.2408
169	0.2178	220	0.1118	271	-0.1742
170	0.0618	221	-0.0192	272	-0.2022
171	0.2558	222	-0.1162	273	0.1168
172	0.0548	223	-0.3042	274	0.2088
173	0.0628	224	-0.3132	275	0.3258
174	-0.0392	225	0.3238	276	0.4448
175	-0.2002	226	0.2738	277	0.3458
176	-0.3902	227	-0.6262	278	-0.6212
177	-0.1152	228	-0.5372	279	-0.5762
178	-0.2332	229	-0.4032	280	-0.4842
179	-0.2432	230	-0.2222	281	-0.3792
180	-0.3282	231	-0.0522	282	-0.2242
181	0.4518	232	-0.0102	283	-0.0382
182	0.5768	233	0.0298	284	0.0498
183	0.5298	234	0.0658	285	0.1108
184	0.8098	235	-0.0802	286	-0.1752
185	0.8778	236	-0.1232	287	-0.2142
186	0.8958	237	-0.2192	288	0.0738
187	0.9458	238	-0.1982	289	0.2158
188	1.0188	239	0.3248	290	0.1878
189	1.0918	240	0.2458	291	-0.3572
190	-0.3182	241	-0.6782	292	0.1038
191	-0.3272	242	-0.5862	325	0.1068
192	-0.3232	244	-0.2192	326	0.1068
193	-0.3232	245	-0.1002	327	0.1058
194	-0.3222	246	-0.0412	328	0.1078
195	-0.3182	247	0.0328	329	0.1058
196	-0.3272	248	0.0798	330	0.1058
197	-0.3232	249	-0.0652	331	0.1078
198	-0.3232	250	-0.1032	332	0.1048
199	-0.3222	251	-0.0712	333	0.1068
200	-0.3232	252	-0.0052	334	0.1058
201	-0.3192	253	0.3648	335	0.1058
202	-0.3212	254	0.2668	336	0.1088
203	-0.3242	255	-0.7272	337	0.1088
204	-0.3222	256	-0.6622	338	0.1078
205	0.2718	257	-0.6122	339	0.1068
206	0.2618	258	-0.4602	340	0.1088
207	0.3128	259	-0.0892	341	0.1068
208	0.2788	260	-0.0262	350	0.1068
210	0.2068	261	0.0358	351	0.1058
211	0.3128	262	0.1088	352	0.1058
212	0.3538	263	-0.1232	353	0.1068
213	0.1108	264	-0.1082	354	0.1078
214	0.1108	265	0.1328	355	0.1078
215	0.1088	266	0.2118		
216	0.1108	267	-0.1432		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1831
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 310.
CONFIGURATION NO. = 14.
ANGLE OF MODEL ROLL(DEG) = 3150.0
MACH NUMBER = 1.047
TUNNEL DYNAMIC PRESSURE(PSF) = 747.
TUNNEL STAGNATION PRESSURE(PSF) = 1948.
TUNNEL STATIC PRESSURE(PSF) = 973.
REYNOLDS NUMBER PER FOOT = 3.9850E 06
MODEL ANGLE OF ATTACK(DEG) = -12.10
FIN ANGLE(DEG) = -0.
FREE*STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 561.

SCANIVALUE	CP(REF)
147	-0.0825
247	-0.0845
347	-0.0825
447	-0.0835
547	-0.0845
647	-0.0855
747	-0.0855

ORF	CP	ORF	CP	ORF	CP
1	0.3755	52	0.1245	102	-0.2055
2	-0.0725	53	-0.1285	103	-0.6155
3	-0.1425	54	-0.3085	104	-0.0085
4	0.0585	55	0.4835	105	-0.5315
5	0.1645	56	0.4315	110	-0.1335
6	0.2185	57	0.3925	111	-0.1545
7	0.2495	58	0.3495	112	-0.0825
8	0.2525	59	0.3125	113	-0.1095
9	0.2655	60	0.2725	114	-0.0065
10	0.2595	61	0.2265	115	-0.0065
11	0.2515	62	0.1725	116	-0.0075
12	0.2315	63	0.0905	117	-0.0065
13	0.2045	64	-0.3265	118	-0.0075
14	0.0305	65	-0.3135	119	-0.0085
15	-0.0765	66	0.4865	120	-0.2005
16	0.1335	67	0.4125	121	-0.0125
17	0.1635	68	0.3615	122	-0.0085
18	0.2165	69	0.3165	123	-0.0085
19	0.2485	70	0.2715	124	-0.0235
20	0.2675	71	0.2215	125	-0.0915
21	0.2755	72	0.1535	126	-0.0365
22	0.2765	73	0.0485	127	-0.0735
23	0.2735	74	-0.3345	128	-0.0345
24	0.2625	75	0.4795	129	-0.2465
25	0.2455	76	0.3985	135	-0.0535
26	0.2255	77	0.3305	136	-0.0455
27	0.1825	78	0.2665	137	-0.0375
28	0.0315	79	0.1895	138	0.1085
29	-0.1545	80	0.1015	139	0.1055
30	0.3305	81	-0.0495	140	0.1195
32	0.3265	82	-0.3675	141	0.3135
33	0.3195	83	0.4485	142	0.3035
34	0.3095	84	0.3435	143	0.2815
35	0.2995	85	0.2455	145	-0.0505
36	0.2895	86	0.1485	147	0.3115
37	0.2695	87	0.0575	151	0.1405
38	0.2505	88	-0.0555	152	-0.0555
39	0.2205	89	-0.3965	153	-0.1355
40	0.1665	90	0.3315	154	-0.2735
41	0.0405	91	0.1295	155	0.0625
42	-0.2385	92	0.0265	156	0.3125
43	0.4415	93	-0.0465	157	0.1425
44	0.4025	94	-0.1285	158	0.5605
45	0.3765	95	-0.4475	159	0.3995
46	0.3515	96	-0.6535	160	0.3505
47	0.3265	97	-0.3405	161	0.2435
48	0.3015	98	-0.4515	162	0.4335
49	0.2735	99	-0.7505	163	0.3495
50	0.2385	100	-0.7815	164	0.0865
51	0.1905	101	-0.2455	165	0.1005

ORF	CP	ORF	CP	ORF	CP
166	0.4115	217	-0.0135	268	-0.1855
167	0.3625	218	-0.0115	269	0.2505
168	0.3145	219	-0.0115	270	0.3235
169	0.1275	220	-0.0115	271	-0.2195
170	0.1995	221	-0.1875	272	-0.2765
171	0.2575	222	-0.0665	273	0.1465
172	-0.0155	223	-0.2875	274	0.1835
173	0.0735	224	-0.2905	275	0.6365
174	-0.0255	225	0.4735	276	0.5785
175	-0.2425	226	0.3745	277	0.4425
176	-0.4835	227	-0.7225	278	-0.5755
177	-0.0455	228	-0.5745	279	-0.5285
178	-0.1285	229	-0.4385	280	-0.4315
179	-0.1685	230	-0.2065	281	-0.1855
180	-0.3295	231	0.0515	282	0.1385
181	0.5855	232	0.1385	283	0.2395
182	0.7365	233	0.1545	284	0.2695
183	0.5265	234	0.1505	285	-0.0125
184	0.9525	235	-0.0595	286	-0.2305
185	1.1165	236	-0.0625	287	-0.2675
186	1.2015	237	-0.1765	288	-0.0405
187	1.2745	238	-0.1625	289	0.1805
188	1.2965	239	0.5935	290	0.2805
189	1.2955	240	0.4995	291	-0.6855
190	-0.2945	241	-0.8925	292	-0.1395
191	-0.2425	242	-0.7455	325	-0.0075
192	-0.2795	244	-0.3235	326	-0.0095
193	-0.2805	245	0.0495	327	-0.0095
194	-0.2845	246	0.1355	328	-0.0095
195	-0.2345	247	0.1645	329	-0.0085
196	-0.2945	248	0.1645	330	-0.0075
197	-0.2875	249	-0.0715	331	-0.0115
198	-0.2955	250	-0.0845	332	-0.0105
199	-0.2885	251	-0.0065	333	-0.0105
200	-0.2585	252	0.0595	334	-0.0105
201	-0.2665	253	0.5485	335	-0.0085
202	-0.2925	254	0.4065	336	-0.0095
203	-0.2825	255	-0.5625	337	-0.0075
204	-0.2575	256	-0.4835	338	-0.0095
205	0.3775	257	-0.4125	339	-0.0105
206	0.3765	258	-0.2605	340	-0.0095
207	0.5255	259	0.0045	341	-0.0095
208	0.6345	260	0.1515	350	-0.0095
210	0.3605	261	0.2195	351	-0.0055
211	0.4735	262	0.2185	352	-0.0055
212	0.5125	263	-0.1285	353	-0.0055
213	-0.0115	264	-0.1295	354	-0.0055
214	-0.0115	265	0.2045	355	-0.0075
215	-0.0125	266	0.2965		
216	-0.0145	267	-0.1415		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1832

TUNNEL = 11

TEST NO. = 086

TEST PHASE = 2

RUN NUMBER = 310.

CONFIGURATION NO. = 14.

ANGLE OF MODEL ROLL(DEG) = 3150.0

MACH NUMBER = 1.049

TUNNEL DYNAMIC PRESSURE(PSF) = 748.

TUNNEL STAGNATION PRESSURE(PSF) = 1949.

TUNNEL STATIC PRESSURE(PSF) = 972.

REYNOLDS NUMBER PER FOOT = 3.9930E 06

MODEL ANGLE OF ATTACK(DEG) = -8.10

FIN ANGLE(DEG) = -0.

FREE^oSTREAM TOTAL TEMPERATURE(DEG. RANKINE) = 561.

SCANIVALUE	CP(REF)
147	-0.0815
247	-0.0825
347	-0.0815
447	-0.0815
547	-0.0815
647	-0.0825
747	-0.0815

ORF	CP	ORF	CP	ORF	CP
1	0.2935	52	0.0825	102	-0.2615
2	-0.1715	53	-0.1515	103	-0.7205
3	-0.4325	54	-0.3445	104	0.0105
4	-0.1265	55	0.3725	105	-0.5475
5	0.0435	56	0.3325	110	-0.1485
6	0.1225	57	0.3075	111	-0.1595
7	0.1615	58	0.2745	112	-0.0795
8	0.1725	59	0.2425	113	-0.0805
9	0.1875	60	0.2105	114	0.0095
10	0.1885	61	0.1725	115	0.0085
11	0.1805	62	0.1215	116	0.0075
12	0.1655	63	0.0505	117	0.0085
13	0.1405	64	-0.3505	118	0.0085
14	-0.0255	65	-0.3515	119	0.0085
15	-0.1305	66	0.3885	120	-0.1805
16	-0.0115	67	0.3245	121	0.0065
17	-0.2195	68	0.2805	122	0.0095
18	-0.0095	69	0.2405	123	0.0095
19	0.1495	70	0.1995	124	-0.0465
20	0.1765	71	0.1565	125	-0.0755
21	0.1945	72	0.1015	126	-0.0275
22	0.2025	73	0.0085	127	-0.0535
23	0.1985	74	-0.3805	128	-0.0115
24	0.1945	75	0.3855	129	-0.2015
25	0.1815	76	0.3205	135	-0.0185
26	0.1645	77	0.2585	136	-0.0275
27	0.1195	78	0.1975	137	-0.0115
28	-0.0195	79	0.1265	138	0.1135
29	-0.1965	80	0.0415	139	0.0905
30	-0.0175	81	-0.0925	140	0.1155
32	0.2195	82	-0.4165	141	0.2725
33	0.2275	83	0.3605	142	0.2685
34	0.2235	84	0.2665	143	0.2405
35	0.2235	85	0.1755	145	-0.0315
36	0.2195	86	0.0775	147	0.2685
37	0.2035	87	-0.0095	151	0.0775
38	0.1875	88	-0.1075	152	-0.1045
39	0.1625	89	-0.4475	153	-0.1815
40	0.1165	90	0.2515	154	-0.3005
41	-0.0015	91	0.0465	155	0.0355
42	-0.2845	92	-0.0475	156	0.2265
43	0.2985	93	-0.1105	157	0.0485
44	0.2825	94	-0.1805	158	0.5185
45	0.2765	95	-0.4865	159	0.3235
46	0.2685	96	-0.6435	160	0.2735
47	0.2525	97	-0.3475	161	0.1695
48	0.2335	98	-0.3475	162	0.4075
49	0.2105	99	-0.3225	163	0.3405
50	0.1825	100	-0.1125	164	0.0875
51	0.1395	101	-0.3055	165	0.0665

ORF	CP	ORF	CP	ORF	CP
166	0.3475	217	0.0095	268	-0.2595
167	0.3285	218	0.0065	269	0.1695
168	0.2685	219	0.0075	270	0.2445
169	0.1045	220	0.0065	271	-0.2775
170	0.1115	221	-0.0885	272	-0.3295
171	0.2235	222	-0.1495	273	0.1155
172	-0.0325	223	-0.3095	274	0.1785
173	0.0465	224	-0.3125	275	0.5765
174	-0.0425	225	0.4175	276	0.5035
175	-0.2095	226	0.3255	277	0.3675
176	-0.4325	227	-0.8735	278	-0.8365
177	-0.0985	228	-0.7825	279	-0.7685
178	-0.2005	229	-0.6035	280	-0.6315
179	-0.2325	230	-0.3325	281	-0.3755
180	-0.3005	231	-0.0525	282	-0.0085
181	0.4625	232	0.0675	283	0.1315
182	0.6185	233	0.1065	284	0.1915
183	0.4775	234	0.1095	285	0.0085
184	0.8685	235	-0.1365	286	-0.2905
185	1.0285	236	-0.1595	287	-0.3255
186	1.0985	237	-0.2195	288	0.0185
187	1.2135	238	-0.1905	289	0.1875
188	1.2605	239	0.5305	290	0.1965
189	1.2815	240	0.4405	291	-0.7805
190	-0.2985	241	-0.9205	292	-0.1725
191	-0.2445	242	-0.8005	325	0.0105
192	-0.2755	244	-0.5315	326	0.0115
193	-0.2695	245	-0.1365	327	0.0105
194	-0.2725	246	0.0885	328	0.0105
195	-0.2465	247	0.1375	329	0.0105
196	-0.2825	248	0.1425	330	0.0115
197	-0.2735	249	-0.1365	331	0.0115
198	-0.2745	250	-0.2015	332	0.0105
199	-0.2745	251	-0.0735	333	0.0095
200	-0.2505	252	0.0095	334	0.0105
201	-0.2605	253	0.4915	335	0.0115
202	-0.2715	254	0.3505	336	0.0115
203	-0.2635	255	-0.9545	337	0.0095
204	-0.2475	256	-0.8695	338	0.0115
205	0.3335	257	-0.7855	339	0.0105
206	0.3325	258	-0.5335	340	0.0095
207	0.4555	259	-0.0485	341	0.0105
208	0.5235	260	0.1055	350	0.0095
210	0.3225	261	0.1625	351	0.0105
211	0.4215	262	0.1665	352	0.0095
212	0.4505	263	-0.1775	353	0.0095
213	0.0075	264	-0.2265	354	0.0095
214	0.0065	265	0.1085	355	0.0075
215	0.0065	266	0.2155		
216	0.0095	267	-0.1855		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1833
 TUNNEL = 11
 TEST NO. = 086
 TEST PHASE = 2
 RUN NUMBER = 310.
 CONFIGURATION NO. = 14.
 ANGLE OF MODEL ROLL(DEG) = 3150.0
 MACH NUMBER = 1.051
 TUNNEL DYNAMIC PRESSURE(PSF) = 749.
 TUNNEL STAGNATION PRESSURE(PSF) = 1948.
 TUNNEL STATIC PRESSURE(PSF) = 968.
 REYNOLDS NUMBER PER FOOT = 3.9970E 06
 MODEL ANGLE OF ATTACK(DEG) = -3.98
 FIN ANGLE(DEG) = -0.
 FREE-STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 560.

SCANIVALUE	CP(REF)
147	-0.0754
247	-0.0764
347	-0.0774
447	-0.0764
547	-0.0764
647	-0.0764
747	-0.0074

ORF	CP	ORF	CP	ORF	CP
1	0.2066	52	0.0316	102	-0.2914
2	-0.2354	53	-0.1864	103	-0.7884
3	-0.6114	54	-0.3714	104	0.0276
4	-0.3594	55	0.1776	105	-0.5974
5	-0.1444	56	0.1796	110	-0.1764
6	-0.0544	57	0.1806	111	-0.2004
7	0.0086	58	0.1726	112	-0.1054
8	0.0366	59	0.1586	113	-0.1034
9	0.0676	60	0.1386	114	0.0306
10	0.0796	61	0.1096	115	0.0306
11	0.0836	62	0.0696	116	0.0316
12	0.0786	63	0.0116	117	0.0296
13	0.0556	64	-0.3684	118	0.0306
14	-0.0854	65	-0.3774	119	0.0306
15	-0.1864	66	0.2436	120	-0.1654
16	-0.1024	67	0.2096	121	0.0216
17	-0.3204	68	0.1836	122	0.0296
18	-0.3704	69	0.1626	123	0.0306
19	-0.0944	70	0.1346	124	-0.0384
20	-0.0054	71	0.1026	125	-0.0594
21	0.0416	72	0.0546	126	-0.0154
22	0.0726	73	-0.0254	127	-0.0384
23	0.0886	74	-0.4034	128	0.0056
24	0.0966	75	0.2696	129	-0.1874
25	0.0926	76	0.2286	135	0.0006
26	0.0816	77	0.1776	136	-0.0084
27	0.0446	78	0.1326	137	0.0056
28	-0.0844	79	0.0726	138	0.1246
29	-0.2444	80	-0.0044	139	0.1116
30	-0.1414	81	-0.1204	140	0.1246
32	-0.1074	82	-0.4324	141	0.2696
33	0.0516	83	0.2596	142	0.2656
34	0.0946	84	0.1836	143	0.2576
35	0.1056	85	0.1016	145	-0.0134
36	0.1136	86	0.0136	147	0.2626
37	0.1106	87	-0.0554	151	-0.0084
38	0.1066	88	-0.1224	152	-0.1784
39	0.0916	89	-0.4394	153	-0.2214
40	0.0506	90	0.1686	154	-0.3274
41	-0.0554	91	-0.0144	155	-0.0034
42	-0.3244	92	-0.0554	156	0.1336
43	-0.0614	93	-0.0734	157	-0.0344
44	0.0566	94	-0.1194	158	0.4906
45	0.1426	95	-0.4454	159	0.2376
46	0.1456	96	-0.6094	160	0.2056
47	0.1456	97	-0.3434	161	0.1026
48	0.1416	98	-0.2914	162	0.3696
49	0.1296	99	0.0176	163	0.2986
50	0.1126	100	-0.0974	164	0.0936
51	0.0786	101	-0.3364	165	0.0196

ORF	CP	ORF	CP	ORF	CP
166	0.3326	217	0.0266	268	-0.2794
167	0.2876	218	0.0296	269	0.1246
168	0.2286	219	0.0286	270	0.2196
169	0.0856	220	0.0276	271	-0.3084
170	0.0176	221	-0.0934	272	-0.3464
171	0.2096	222	-0.2104	273	0.1056
172	-0.0384	223	-0.3414	274	0.1796
173	0.0226	224	-0.3334	275	0.5006
174	-0.0514	225	0.3556	276	0.4106
175	-0.2134	226	0.2666	277	0.2776
176	-0.4084	227	-0.9154	278	-0.8854
177	-0.1854	228	-0.8254	279	-0.8324
178	-0.3054	229	-0.7004	280	-0.7314
179	-0.3154	230	-0.4464	281	-0.5454
180	-0.2854	231	-0.2034	282	-0.1894
181	0.3516	232	-0.0664	283	-0.0344
182	0.5076	233	0.0216	284	0.0736
183	0.4296	234	0.0496	285	0.0276
184	0.8266	235	-0.1754	286	-0.3204
185	0.9356	236	-0.2244	287	-0.3504
186	0.9906	237	-0.2824	288	0.0606
187	1.0996	238	-0.2434	289	0.1966
188	1.1696	239	0.4496	290	0.1306
189	1.2246	240	0.3586	291	-0.8094
190	-0.3114	241	-0.9394	292	-0.1064
191	-0.2764	242	-0.8294	325	0.0276
192	-0.2934	244	-0.5664	326	0.0296
193	-0.2924	245	-0.3814	327	0.0296
194	-0.2814	246	-0.0724	328	0.0296
195	-0.2744	247	0.0556	329	0.0306
196	-0.2874	248	0.0786	330	0.0286
197	-0.2794	249	-0.1674	331	0.0306
198	-0.2854	250	-0.2414	332	0.0296
199	-0.2744	251	-0.1394	333	0.0316
200	-0.2784	252	-0.0574	334	0.0306
201	-0.2764	253	0.3976	335	0.0286
202	-0.2764	254	0.2566	336	0.0286
203	-0.2714	255	-0.9804	337	0.0286
204	-0.2734	256	-0.9094	338	0.0306
205	0.3226	257	-0.8424	339	0.0296
206	0.3216	258	-0.6414	340	0.0296
207	0.3986	259	-0.2014	341	0.0296
208	0.4196	260	-0.0594	350	0.0316
210	0.2796	261	0.0636	351	0.0316
211	0.3726	262	0.0936	352	0.0316
212	0.4006	263	-0.2134	353	0.0316
213	0.0286	264	-0.2464	354	0.0306
214	0.0256	265	0.0626	355	0.0306
215	0.0276	266	0.1686		
216	0.0256	267	-0.2214		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1834

TUNNEL = 11

TEST NO. = 086

TEST PHASE = 2

RUN NUMBER = 310.

CONFIGURATION NO. = 14.

ANGLE OF MODEL ROLL(DEG) = 3150.0

MACH NUMBER = 1.050

TUNNEL DYNAMIC PRESSURE(PSF) = 748.

TUNNEL STAGNATION PRESSURE(PSF) = 1947.

TUNNEL STATIC PRESSURE(PSF) = 969.

REYNOLDS NUMBER PER FOOT = 3.9910E 06

MODEL ANGLE OF ATTACK(DEG) = 0.09

FIN ANGLE(DEG) = -0.

FREE*STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 561.

SCANIVALUE	CP(REF)
147	-0.0785
247	-0.0805
347	-0.0795
447	-0.0795
547	-0.0815
647	-0.0815
747	-0.0825

ORF	CP	ORF	CP	ORF	CP
1	0.1685	52	-0.0375	102	-0.3145
2	-0.2705	53	-0.2395	103	-0.8035
3	-0.6295	54	-0.4115	104	0.0315
4	-0.5045	55	-0.1565	105	-0.6255
5	-0.3355	56	0.0455	110	-0.1645
6	-0.1755	57	0.0455	111	-0.1895
7	-0.1005	58	0.0465	112	-0.1155
8	-0.0655	59	0.0475	113	-0.1205
9	-0.0525	60	0.0485	114	0.0255
10	-0.0375	61	0.0325	115	0.0265
11	-0.0275	62	0.0025	116	0.0275
12	-0.0195	63	-0.0465	117	0.0265
13	-0.0335	64	-0.3935	118	0.0315
14	-0.1585	65	-0.4055	119	0.0275
15	-0.2525	66	0.0725	120	-0.1505
16	-0.1575	67	0.0755	121	0.0235
17	-0.3735	68	0.0815	122	0.0265
18	-0.4965	69	0.0735	123	0.0255
19	-0.3475	70	0.0575	124	-0.0405
20	-0.1105	71	0.0345	125	-0.0575
21	-0.0625	72	-0.0045	126	-0.0175
22	-0.0445	73	-0.0755	127	-0.0435
23	-0.0335	74	-0.4245	128	0.0045
24	-0.0235	75	0.1255	129	-0.1765
25	-0.0125	76	0.1085	135	-0.0005
26	-0.0145	77	0.0845	136	-0.0055
27	-0.0345	78	0.0555	137	0.0055
28	-0.1545	79	0.0075	138	0.1255
29	-0.3105	80	-0.0455	139	0.1085
30	-0.2225	81	-0.1445	140	0.1315
32	-0.3555	82	-0.4355	141	0.2495
33	-0.1085	83	0.1305	142	0.2435
34	-0.0435	84	0.0965	143	0.2515
35	-0.0245	85	0.0355	145	-0.0115
36	-0.0125	86	-0.0115	147	0.2425
37	-0.0045	87	-0.0515	151	-0.0725
38	0.0025	88	-0.1185	152	-0.2435
39	-0.0015	89	-0.4425	153	-0.2645
40	-0.0305	90	0.0555	154	-0.3465
41	-0.1225	91	0.0075	155	-0.0745
42	-0.3755	92	-0.0255	156	0.0905
43	-0.2085	93	-0.0615	157	-0.0845
44	-0.2455	94	-0.1155	158	0.3885
45	-0.0725	95	-0.4445	159	0.2175
46	0.0005	96	-0.6175	160	0.1595
47	0.0125	97	-0.3975	161	0.0525
48	0.0215	98	0.0395	162	0.3515
49	0.0195	99	0.0875	163	0.2815
50	0.0285	100	-0.1355	164	0.0995
51	0.0055	101	-0.3425	165	-0.0155

ORF	CP	ORF	CP	ORF	CP
166	0.4135	217	0.0275	268	-0.3015
167	0.2155	218	0.0295	269	0.0645
168	0.1925	219	0.0295	270	0.1365
169	0.0725	220	0.0275	271	-0.3315
170	-0.0525	221	-0.1175	272	-0.3695
171	0.1405	222	-0.2585	273	0.0285
172	-0.0775	223	-0.3695	274	0.1225
173	-0.0505	224	-0.3635	275	0.3345
174	-0.1545	225	0.3135	276	0.3685
175	-0.2735	226	0.1955	277	0.2415
176	-0.3705	227	-0.9425	278	-0.8815
177	-0.2475	228	-0.8585	279	-0.8275
178	-0.3895	229	-0.7375	280	-0.7315
179	-0.4255	230	-0.5335	281	-0.5915
180	-0.2845	231	-0.2665	282	-0.3345
181	0.3625	232	-0.1555	283	-0.1415
182	0.5085	233	-0.0865	284	-0.0495
183	0.4425	234	-0.0495	285	0.0295
184	0.7625	235	-0.2225	286	-0.3435
185	0.8105	236	-0.2705	287	-0.3875
186	0.8465	237	-0.3205	288	-0.0215
187	0.8955	238	-0.2785	289	0.1185
188	0.9525	239	0.3015	290	0.0865
189	0.9905	240	0.1955	291	-0.7455
190	-0.3085	241	-0.9915	292	-0.0085
191	-0.2935	242	-0.8965	325	0.0295
192	-0.2885	244	-0.5205	326	0.0315
193	-0.2915	245	-0.2945	327	0.0305
194	-0.2895	246	-0.1655	328	0.0305
195	-0.2865	247	-0.0765	329	0.0305
196	-0.2905	248	-0.0255	330	0.0285
197	-0.2795	249	-0.2135	331	0.0315
198	-0.2815	250	-0.2585	332	0.0305
199	-0.2855	251	-0.1895	333	0.0305
200	-0.2845	252	-0.1185	334	0.0295
201	-0.2855	253	0.3135	335	0.0295
202	-0.2795	254	0.1845	336	0.0305
203	-0.2875	255	-0.9985	337	0.0295
204	-0.2825	256	-0.9275	338	0.0315
205	0.2555	257	-0.8675	339	0.0315
206	0.2555	258	-0.7005	340	0.0315
207	0.2895	259	-0.2475	341	0.0295
208	0.2715	260	-0.1405	350	0.0265
210	0.2305	261	-0.0615	351	0.0275
211	0.3325	262	0.0015	352	0.0275
212	0.3555	263	-0.2745	353	0.0285
213	0.0265	264	-0.2605	354	0.0305
214	0.0285	265	0.0195	355	0.0285
215	0.0275	266	0.1085		
216	0.0275	267	-0.2885		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1835
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 310.
CONFIGURATION NO. = 14.
ANGLE OF MODEL ROLL(DEG) = 3150.0
MACH NUMBER = 1.049
TUNNEL DYNAMIC PRESSURE(PSF) = 748.
TUNNEL STAGNATION PRESSURE(PSF) = 1948.
TUNNEL STATIC PRESSURE(PSF) = 971.
REYNOLDS NUMBER PER FOOT = 3.9900E 06
MODEL ANGLE OF ATTACK(DEG) = 4.01
FIN ANGLE(DEG) = -0.
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 561.

SCANIVALUE	CP(REF)
147	-0.0811
247	-0.0821
347	-0.0811
447	-0.0811
547	-0.0791
647	-0.0791
747	-0.0651

ORF	CP	ORF	CP	ORF	CP
1	0.0679	52	-0.1571	102	-0.3501
2	-0.3481	53	-0.3411	103	-0.8231
3	-0.5521	54	-0.4441	104	0.0579
4	-0.4511	55	-0.3321	105	-0.6911
5	-0.3931	56	-0.3291	110	-0.1331
6	-0.3401	57	-0.2831	111	-0.1531
7	-0.2861	58	-0.2101	112	-0.1011
8	-0.2251	59	-0.1521	113	-0.1191
9	-0.1981	60	-0.1131	114	0.0599
10	-0.1731	61	-0.1051	115	0.0609
11	-0.1501	62	-0.1091	116	0.0609
12	-0.1281	63	-0.1431	117	0.0589
13	-0.1431	64	-0.4481	118	0.0599
14	-0.2541	65	-0.4491	119	0.0589
15	-0.3381	66	-0.3161	120	-0.1291
16	-0.2381	67	-0.2961	121	0.0549
17	-0.4031	68	-0.2151	122	0.0579
18	-0.4381	69	-0.1361	123	0.0609
19	-0.3821	70	-0.1041	124	-0.0321
20	-0.3321	71	-0.0881	125	-0.0531
21	-0.2791	72	-0.1001	126	-0.0121
22	-0.2181	73	-0.1491	127	-0.0331
23	-0.1911	74	-0.4381	128	0.0069
24	-0.1651	75	-0.4431	129	-0.1531
25	-0.1471	76	-0.1791	135	-0.0011
26	-0.1371	77	-0.1091	136	-0.0041
27	-0.1551	78	-0.0901	137	0.0059
28	-0.2661	79	-0.0751	138	0.1459
29	-0.3661	80	-0.0881	139	0.1249
30	-0.3051	81	-0.1821	140	0.1399
32	-0.3931	82	-0.4271	141	0.2549
33	-0.3511	83	-0.5551	142	0.2469
34	-0.2711	84	-0.1561	143	0.2569
35	-0.2191	85	-0.0801	145	-0.0031
36	-0.1831	86	-0.0491	147	0.2469
37	-0.1531	87	-0.0661	151	-0.0501
38	-0.1361	88	-0.1421	152	-0.2411
39	-0.1321	89	-0.4381	153	-0.2811
40	-0.1551	90	-0.5301	154	-0.2801
41	-0.2481	91	-0.1721	155	-0.1411
42	-0.3911	92	-0.0531	156	0.0199
43	-0.3291	93	-0.0651	157	-0.1111
44	-0.3611	94	-0.1251	158	0.1729
45	-0.3551	95	-0.4471	159	0.1079
46	-0.2711	96	-0.3131	160	0.0479
47	-0.2161	97	-0.4521	161	-0.0541
48	-0.1641	98	0.0009	162	0.1799
49	-0.1381	99	0.0659	163	0.1159
50	-0.1211	100	-0.2081	164	0.1149
51	-0.1281	101	-0.3731	165	-0.0881

ORF	CP	ORF	CP	ORF	CP
166	0.2659	217	0.0589	268	-0.3401
167	0.1429	218	0.0559	269	-0.0201
168	0.1209	219	0.0549	270	0.0419
169	0.0229	220	0.0559	271	-0.3621
170	-0.0711	221	-0.2091	272	-0.3781
171	0.0959	222	-0.3251	273	-0.0621
172	-0.0821	223	-0.3861	274	0.0379
173	-0.0861	224	-0.3811	275	0.2119
174	-0.1621	225	0.2589	276	0.2919
175	-0.2671	226	0.1329	277	0.1539
176	-0.3261	227	-0.9701	278	-0.8931
177	-0.2381	228	-0.8811	279	-0.8111
178	-0.3231	229	-0.7841	280	-0.6871
179	-0.3391	230	-0.5801	281	-0.5151
180	-0.2631	231	-0.3071	282	-0.4021
181	0.2849	232	-0.2411	283	-0.3181
182	0.3939	233	-0.1731	284	-0.1791
183	0.2849	234	-0.1301	285	0.0569
184	0.5069	235	-0.3031	286	-0.3671
185	0.5769	236	-0.3371	287	-0.4041
186	0.6519	237	-0.3311	288	-0.0971
187	0.7159	238	-0.2831	289	0.0279
188	0.8099	239	0.2669	290	0.0299
189	0.8619	240	0.1529	291	-0.7061
190	-0.3071	241	-1.0021	292	0.1009
191	-0.2731	242	-0.9161	325	0.0569
192	-0.2871	244	-0.6481	326	0.0579
193	-0.2831	245	-0.3611	327	0.0549
194	-0.2711	246	-0.2431	328	0.0559
195	-0.2801	247	-0.1631	329	0.0549
196	-0.2881	248	-0.0871	330	0.0529
197	-0.2751	249	-0.3131	331	0.0569
198	-0.2791	250	-0.3291	332	0.0549
199	-0.2731	251	-0.2211	333	0.0559
200	-0.2731	252	-0.1311	334	0.0549
201	-0.2711	253	0.3269	335	0.0539
202	-0.2741	254	0.2029	336	0.0569
203	-0.2761	255	-0.9841	337	0.0569
204	-0.2701	256	-0.9121	338	0.0569
205	0.2359	257	-0.8491	339	0.0549
206	0.2359	258	-0.7241	340	0.0569
207	0.2669	259	-0.4551	341	0.0549
208	0.2529	260	-0.2361	350	0.0609
210	0.2009	261	-0.1691	351	0.0609
211	0.3089	262	-0.0771	352	0.0609
212	0.3529	263	-0.3961	353	0.0579
213	0.0549	264	-0.3041	354	0.0579
214	0.0569	265	-0.0441	355	0.0599
215	0.0579	266	0.0319		
216	0.0629	267	-0.3601		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1836

TUNNEL = 11

TEST NO. = 086

TEST PHASE = 2

RUN NUMBER = 310.

CONFIGURATION NO. = 14.

ANGLE OF MODEL ROLL(DEG) = 3150.0

MACH NUMBER = 1.048

TUNNEL DYNAMIC PRESSURE(PSF) = 748.

TUNNEL STAGNATION PRESSURE(PSF) = 1949.

TUNNEL STATIC PRESSURE(PSF) = 973.

REYNOLDS NUMBER PER FOOT = 3.9890E 06

MODEL ANGLE OF ATTACK(DEG) = 7.96

FIN ANGLE(DEG) = -0.

FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 561.

SCANIVALUE	CP(REF)
147	-0.0848
247	-0.0858
347	-0.0848
447	-0.0838
547	-0.0838
647	-0.0848
747	-0.0788

ORF	CP	ORF	CP	ORF	CP
1	0.0242	52	-0.2928	102	-0.3978
2	-0.3688	53	-0.4658	103	-0.8558
3	-0.5468	54	-0.4998	104	0.0492
4	-0.4068	55	-0.6218	105	-0.7408
5	-0.3288	56	-0.4488	110	-0.0988
6	-0.2928	57	-0.3458	111	-0.1208
7	-0.2708	58	-0.2988	112	-0.0788
8	-0.2458	59	-0.2768	113	-0.1148
9	-0.2498	60	-0.2588	114	0.0682
10	-0.2388	61	-0.2518	115	0.0672
11	-0.2228	62	-0.2628	116	0.0672
12	-0.2068	63	-0.2968	117	0.0642
13	-0.2138	64	-0.5658	118	0.0632
14	-0.3248	65	-0.5588	119	0.0652
15	-0.4148	66	-0.7378	120	-0.1128
16	-0.2688	67	-0.5058	121	0.0622
17	-0.4098	68	-0.3838	122	0.0652
18	-0.3908	69	-0.3188	123	0.0662
19	-0.3248	70	-0.2838	124	-0.0418
20	-0.2958	71	-0.2658	125	-0.0548
21	-0.2778	72	-0.2678	126	-0.0288
22	-0.2698	73	-0.2988	127	-0.0438
23	-0.2628	74	-0.5508	128	-0.0148
24	-0.2488	75	-0.7948	129	-0.1438
25	-0.2328	76	-0.5758	135	-0.0278
26	-0.2268	77	-0.4308	136	-0.0218
27	-0.2408	78	-0.3518	137	-0.0098
28	-0.3498	79	-0.2968	138	0.1372
29	-0.4498	80	-0.2748	139	0.1182
30	-0.3468	81	-0.3178	140	0.1292
32	-0.3378	82	-0.4988	141	0.2632
33	-0.3088	83	-0.8068	142	0.2522
34	-0.2878	84	-0.6138	143	0.2602
35	-0.2788	85	-0.4658	145	-0.0228
36	-0.2668	86	-0.3748	147	0.2522
37	-0.2538	87	-0.2848	151	-0.0948
38	-0.2408	88	-0.2968	152	-0.2598
39	-0.2378	89	-0.4798	153	-0.2878
40	-0.2658	90	-0.8088	154	-0.2718
41	-0.3608	91	-0.6118	155	-0.1478
42	-0.4598	92	-0.4248	156	-0.0848
43	-0.4738	93	-0.3758	157	-0.1868
44	-0.3798	94	-0.3528	158	0.0582
45	-0.3328	95	-0.5008	159	-0.0078
46	-0.3008	96	-0.2848	160	-0.0538
47	-0.2808	97	-0.4948	161	-0.1368
48	-0.2678	98	0.0202	162	0.0872
49	-0.2548	99	0.0642	163	0.0202
50	-0.2448	100	-0.2758	164	0.1132
51	-0.2578	101	-0.4198	165	-0.1448

ORF	CP	ORF	CP	ORF	CP
166	0.2052	217	0.0582	268	-0.3758
167	0.1142	218	0.0612	269	-0.0758
168	0.0992	219	0.0592	270	-0.0328
169	0.0072	220	0.0582	271	-0.4118
170	0.0122	221	-0.2268	272	-0.4208
171	0.0242	222	-0.3738	273	-0.0828
172	-0.1218	223	-0.4418	274	-0.0388
173	-0.1078	224	-0.4448	275	0.1242
174	-0.1948	225	0.2562	276	0.2522
175	-0.3058	226	0.1312	277	0.1092
176	-0.3198	227	-0.9618	278	-0.9058
177	-0.2808	228	-0.8838	279	-0.8208
178	-0.3888	229	-0.7788	280	-0.6898
179	-0.3408	230	-0.5918	281	-0.5228
180	-0.2688	231	-0.4308	282	-0.3428
181	0.0972	232	-0.3318	283	-0.2798
182	0.2332	233	-0.2258	284	-0.2448
183	0.2132	234	-0.1558	285	0.0602
184	0.3872	235	-0.3518	286	-0.4098
185	0.4332	236	-0.4008	287	-0.4368
186	0.4772	237	-0.3818	288	-0.1458
187	0.5332	238	-0.2988	289	-0.0228
188	0.5832	239	0.2502	290	-0.0318
189	0.6312	240	0.1562	291	-0.6268
190	-0.3348	241	-1.0078	292	0.1842
191	-0.2888	242	-0.9168	325	0.0512
192	-0.2898	244	-0.6788	326	0.0512
193	-0.2868	245	-0.4758	327	0.0512
194	-0.2828	246	-0.2898	328	0.0512
195	-0.2978	247	-0.2288	329	0.0532
196	-0.2978	248	-0.1398	330	0.0542
197	-0.2868	249	-0.3878	331	0.0522
198	-0.2888	250	-0.3778	332	0.0522
199	-0.2928	251	-0.2538	333	0.0522
200	-0.2968	252	-0.1688	334	0.0522
201	-0.2888	253	0.2832	335	0.0542
202	-0.2918	254	0.1412	336	0.0512
203	-0.2928	255	-1.0088	337	0.0512
204	-0.2958	256	-0.9418	338	0.0522
205	0.1952	257	-0.8798	339	0.0522
206	0.1962	258	-0.7568	340	0.0512
207	0.2232	259	-0.3738	341	0.0542
208	0.1002	260	-0.2508	350	0.0672
210	0.1662	261	-0.2438	351	0.0662
211	0.3022	262	-0.1588	352	0.0632
212	0.3332	263	-0.4808	353	0.0652
213	0.0562	264	-0.3418	354	0.0642
214	0.0552	265	-0.0978	355	0.0652
215	0.0542	266	-0.0258		
216	0.0572	267	-0.4438		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1837
 TUNNEL = 11
 TEST NO. = 086
 TEST PHASE = 2
 RUN NUMBER = 310.
 CONFIGURATION NO. = 14.
 ANGLE OF MODEL ROLL(DEG) = 3150.0
 MACH NUMBER = 1.041
 TUNNEL DYNAMIC PRESSURE(PSF) = 743.
 TUNNEL STAGNATION PRESSURE(PSF) = 1947.
 TUNNEL STATIC PRESSURE(PSF) = 980.
 REYNOLDS NUMBER PER FOOT = 3.9800E 06
 MODEL ANGLE OF ATTACK(DEG) = 11.95
 FIN ANGLE(DEG) = -0.
 FREE-STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 561.

SCANIVALUE	CP(REF)
147	-0.0950
247	-0.0960
347	-0.0960
447	-0.0950
547	-0.1010
647	-0.1010
747	-0.1000

ORF	CP	ORF	CP	ORF	CP
1	-0.0370	52	-0.3970	102	-0.4260
2	-0.3550	53	-0.5560	103	-0.8070
3	-0.4400	54	-0.5050	104	0.0510
4	-0.3570	55	-0.5410	105	-0.6840
5	-0.2910	56	-0.4210	110	-0.0550
6	-0.2530	57	-0.3570	111	-0.0810
7	-0.2380	58	-0.3410	112	-0.0430
8	-0.2250	59	-0.3340	113	-0.1000
9	-0.2340	60	-0.3360	114	0.0450
10	-0.2290	61	-0.3490	115	0.0480
11	-0.2210	62	-0.3790	116	0.0490
12	-0.2170	63	-0.4360	117	0.0490
13	-0.2330	64	-0.6310	118	0.0470
14	-0.3490	65	-0.5980	119	0.0470
15	-0.4390	66	-0.7560	120	-0.1360
16	-0.2770	67	-0.6450	121	0.0410
17	-0.3610	68	-0.5070	122	0.0460
18	-0.3150	69	-0.3980	123	0.0450
19	-0.2750	70	-0.3510	124	-0.0940
20	-0.2600	71	-0.3480	125	-0.1090
21	-0.2560	72	-0.3790	126	-0.0810
22	-0.2550	73	-0.4350	127	-0.0950
23	-0.2560	74	-0.6480	128	-0.0550
24	-0.2490	75	-0.7820	129	-0.1730
25	-0.2450	76	-0.7460	135	-0.0660
26	-0.2430	77	-0.6900	136	-0.0620
27	-0.2680	78	-0.5870	137	-0.0570
28	-0.3790	79	-0.4860	138	0.1130
29	-0.4800	80	-0.4230	139	0.1050
30	-0.2890	81	-0.4430	140	0.1240
32	-0.2790	82	-0.6280	141	0.2370
33	-0.2830	83	-0.7680	142	0.2320
34	-0.2840	84	-0.7520	143	0.2340
35	-0.2840	85	-0.7220	145	-0.0620
36	-0.2810	86	-0.6730	147	0.2290
37	-0.2780	87	-0.5960	151	-0.0880
38	-0.2760	88	-0.5260	152	-0.2610
39	-0.2790	89	-0.6030	153	-0.2780
40	-0.3180	90	-0.7730	154	-0.2680
41	-0.4170	91	-0.7550	155	-0.1860
42	-0.5030	92	-0.7040	156	-0.1700
43	-0.3270	93	-0.6730	157	-0.2150
44	-0.3280	94	-0.6710	158	-0.0190
45	-0.3290	95	-0.6900	159	-0.0880
46	-0.3240	96	-0.3690	160	-0.1240
47	-0.3200	97	-0.5220	161	-0.1820
48	-0.3160	98	-0.0720	162	-0.0390
49	-0.3140	99	0.0580	163	-0.0690
50	-0.3200	100	-0.2920	164	0.1060
51	-0.3500	101	-0.4400	165	-0.1830

DRF	CP	DRF	CP	DRF	CP
166	0.0640	217	0.0450	268	-0.4230
167	0.0250	218	0.0460	269	-0.1470
168	-0.0130	219	0.0480	270	-0.1150
169	-0.0860	220	0.0470	271	-0.4410
170	-0.0780	221	-0.2190	272	-0.4490
171	-0.0300	222	-0.3920	273	-0.1660
172	-0.1500	223	-0.4840	274	-0.1430
173	-0.1320	224	-0.4880	275	0.0300
174	-0.1950	225	0.2210	276	0.1620
175	-0.2680	226	0.1460	277	0.0540
176	-0.3100	227	-0.9150	278	-0.8340
177	-0.3310	228	-0.8040	279	-0.7400
178	-0.3600	229	-0.6710	280	-0.6130
179	-0.3200	230	-0.5380	281	-0.4440
180	-0.2710	231	-0.4640	282	-0.3130
181	0.1090	232	-0.4330	283	-0.2510
182	0.2340	233	-0.2420	284	-0.2390
183	0.1450	234	-0.1320	285	0.0450
184	0.3410	235	-0.3460	286	-0.4520
185	0.4060	236	-0.4360	287	-0.4850
186	0.4310	237	-0.4860	288	-0.2260
187	0.4630	238	-0.3770	289	-0.1310
188	0.5280	239	0.2890	290	-0.0870
189	0.5600	240	0.2150	291	-0.4910
190	-0.3160	241	-0.9800	292	0.2060
191	-0.3090	242	-0.8860	325	0.0520
192	-0.3010	244	-0.7230	326	0.0500
193	-0.3030	245	-0.6460	327	0.0500
194	-0.2960	246	-0.4710	328	0.0510
195	-0.3190	247	-0.2150	329	0.0510
196	-0.3070	248	-0.1340	330	0.0510
197	-0.3040	249	-0.4380	331	0.0510
198	-0.3070	250	-0.4840	332	0.0520
199	-0.3060	251	-0.3310	333	0.0520
200	-0.3210	252	-0.1940	334	0.0520
201	-0.3090	253	0.2030	335	0.0510
202	-0.3030	254	0.0780	336	0.0540
203	-0.3130	255	-1.0350	337	0.0530
204	-0.3180	256	-0.9720	338	0.0500
205	0.1370	257	-0.9180	339	0.0510
206	0.1320	258	-0.8070	340	0.0510
207	0.0930	259	-0.4240	341	0.0510
208	-0.1190	260	-0.2670	350	0.0460
210	0.0940	261	-0.2430	351	0.0470
211	0.2410	262	-0.1800	352	0.0470
212	0.2780	263	-0.5340	353	0.0460
213	0.0460	264	-0.4050	354	0.0460
214	0.0460	265	-0.1550	355	0.0440
215	0.0460	266	-0.0920		
216	0.0490	267	-0.4750		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1838
 TUNNEL = 11
 TEST NO. = 086
 TEST PHASE = 2
 RUN NUMBER = 310.
 CONFIGURATION NO. = 14.
 ANGLE OF MODEL ROLL(DEG) = 3150.0
 MACH NUMBER = 1.046
 TUNNEL DYNAMIC PRESSURE(PSF) = 746.
 TUNNEL STAGNATION PRESSURE(PSF) = 1947.
 TUNNEL STATIC PRESSURE(PSF) = 974.
 REYNOLDS NUMBER PER FOOT = 3.9910E 06
 MODEL ANGLE OF ATTACK(DEG) = 0.11
 FIN ANGLE(DEG) = -0.
 FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 561.

SCANIVALUE	CP(REF)
147	-0.0866
247	-0.0876
347	-0.0876
447	-0.0866
547	-0.0886
647	-0.0896
747	-0.0286

ORF	CP	ORF	CP	ORF	CP
1	0.1604	52	-0.0456	102	-0.3206
2	-0.2756	53	-0.2456	103	-0.8056
3	-0.6296	54	-0.4186	104	0.0314
4	-0.5096	55	-0.1316	105	-0.6256
5	-0.3236	56	0.0134	110	-0.1646
6	-0.1686	57	0.0424	111	-0.1906
7	-0.1006	58	0.0414	112	-0.1166
8	-0.0706	59	0.0484	113	-0.1216
9	-0.0556	60	0.0444	114	0.0274
10	-0.0436	61	0.0264	115	0.0294
11	-0.0306	62	-0.0046	116	0.0284
12	-0.0236	63	-0.0526	117	0.0304
13	-0.0396	64	-0.3986	118	0.0314
14	-0.1626	65	-0.4116	119	0.0284
15	-0.2586	66	0.0714	120	-0.1486
16	-0.1626	67	0.0724	121	0.0214
17	-0.3796	68	0.0754	122	0.0284
18	-0.4936	69	0.0674	123	0.0284
19	-0.3416	70	0.0524	124	-0.0376
20	-0.1196	71	0.0274	125	-0.0606
21	-0.0636	72	-0.0106	126	-0.0126
22	-0.0546	73	-0.0826	127	-0.0406
23	-0.0426	74	-0.4316	128	0.0064
24	-0.0276	75	0.1204	129	-0.1746
25	-0.0166	76	0.1024	135	-0.0006
26	-0.0186	77	0.0764	136	-0.0066
27	-0.0396	78	0.0494	137	0.0054
28	-0.1616	79	0.0014	138	0.1354
29	-0.3166	80	-0.0506	139	0.1114
30	-0.2246	81	-0.1496	140	0.1344
32	-0.3916	82	-0.4406	141	0.2524
33	-0.1536	83	0.1244	142	0.2444
34	-0.0466	84	0.0894	143	0.2514
35	-0.0296	85	0.0304	145	-0.0106
36	-0.0206	86	-0.0156	147	0.2424
37	-0.0096	87	-0.0576	151	-0.0756
38	-0.0026	88	-0.1246	152	-0.2476
39	-0.0066	89	-0.4486	153	-0.2606
40	-0.0376	90	0.0474	154	-0.3346
41	-0.1326	91	0.0024	155	-0.0796
42	-0.3816	92	-0.0316	156	0.0844
43	-0.2126	93	-0.0676	157	-0.0826
44	-0.2466	94	-0.1206	158	0.3754
45	-0.0836	95	-0.4506	159	0.2074
46	-0.0046	96	-0.6126	160	0.1554
47	0.0084	97	-0.4106	161	0.0524
48	0.0154	98	0.0334	162	0.3374
49	0.0194	99	0.0814	163	0.2764
50	0.0204	100	-0.1416	164	0.1054
51	0.0044	101	-0.3466	165	-0.0176

ORF	CP	ORF	CP	ORF	CP
166	0.4144	217	0.0264	268	-0.3026
167	0.2124	218	0.0294	269	0.0604
168	0.1864	219	0.0274	270	0.1274
169	0.0714	220	0.0284	271	-0.3366
170	-0.0596	221	-0.1666	272	-0.3716
171	0.1434	222	-0.2636	273	0.0164
172	-0.0776	223	-0.3696	274	0.1134
173	-0.0506	224	-0.3666	275	0.3074
174	-0.1496	225	0.2914	276	0.3724
175	-0.2676	226	0.1864	277	0.2384
176	-0.3646	227	-0.9486	278	-0.8886
177	-0.2526	228	-0.8586	279	-0.8336
178	-0.3976	229	-0.7496	280	-0.7186
179	-0.4286	230	-0.5256	281	-0.5856
180	-0.2736	231	-0.2746	282	-0.3806
181	0.3764	232	-0.1646	283	-0.1606
182	0.5144	233	-0.0936	284	-0.0546
183	0.4364	234	-0.0546	285	0.0294
184	0.7474	235	-0.2286	286	-0.3386
185	0.8174	236	-0.2746	287	-0.3886
186	0.8354	237	-0.3186	288	-0.0246
187	0.8994	238	-0.2796	289	0.1174
188	0.9504	239	0.2984	290	0.0844
189	0.9814	240	0.1934	291	-0.7516
190	-0.2986	241	-0.9986	292	-0.0106
191	-0.2866	242	-0.9026	325	0.0314
192	-0.2876	244	-0.5516	326	0.0304
193	-0.2836	245	-0.3016	327	0.0304
194	-0.2776	246	-0.1736	328	0.0304
195	-0.2766	247	-0.0806	329	0.0294
196	-0.2786	248	-0.0306	330	0.0294
197	-0.2786	249	-0.2176	331	0.0304
198	-0.2816	250	-0.2616	332	0.0304
199	-0.2696	251	-0.1896	333	0.0304
200	-0.2796	252	-0.1156	334	0.0294
201	-0.2776	253	0.3174	335	0.0294
202	-0.2746	254	0.1804	336	0.0314
203	-0.2786	255	-1.0016	337	0.0314
204	-0.2796	256	-0.9316	338	0.0324
205	0.2514	257	-0.8736	339	0.0314
206	0.2504	258	-0.7086	340	0.0314
207	0.2824	259	-0.2486	341	0.0294
208	0.2644	260	-0.1476	350	0.0274
210	0.2264	261	-0.0686	351	0.0264
211	0.3294	262	-0.0036	352	0.0284
212	0.3494	263	-0.2786	353	0.0294
213	0.0274	264	-0.2646	354	0.0314
214	0.0274	265	0.0124	355	0.0314
215	0.0274	266	0.1074		
216	0.0284	267	-0.2906		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1839
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 311.
CONFIGURATION NO. = 14.
ANGLE OF MODEL ROLL(DEG) = 3150.0
MACH NUMBER = 0.900
TUNNEL DYNAMIC PRESSURE(PSF) = 684.
TUNNEL STAGNATION PRESSURE(PSF) = 2040.
TUNNEL STATIC PRESSURE(PSF) = 1205.
REYNOLDS NUMBER PER FOOT = 3.9880E 06
MODEL ANGLE OF ATTACK(DEG) = -12.10
FIN ANGLE(DEG) = -0.
FREE-STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 562.

SCANIVALUE	CP(REF)
147	-0.4327
247	-0.4347
347	-0.4337
447	-0.4327
547	-0.4287
647	-0.4287
747	-0.4057

ORF	CP	ORF	CP	ORF	CP
1	0.1973	52	-0.0737	102	-0.2447
2	-0.2617	53	-0.3767	103	-0.6537
3	-0.3107	54	-0.4647	104	-0.0037
4	-0.1167	55	0.3633	105	-0.4697
5	0.0003	56	0.2883	110	-0.0347
6	0.0603	57	0.2513	111	-0.0457
7	0.0933	58	0.2013	112	-0.0207
8	0.0983	59	0.1613	113	-0.0327
9	0.1063	60	0.1103	114	0.0113
10	0.0973	61	0.0573	115	0.0113
11	0.0853	62	-0.0097	116	0.0123
12	0.0623	63	-0.1107	117	0.0113
13	0.0273	64	-0.6017	118	0.0153
14	-0.1787	65	-0.5587	119	0.0153
15	-0.2407	66	0.3633	120	-0.1117
16	0.0283	67	0.2763	121	0.0153
17	0.0143	68	0.2163	122	0.0143
18	0.0643	69	0.1693	123	0.0133
19	0.0923	70	0.1113	124	-0.0387
20	0.1113	71	0.0523	125	-0.0537
21	0.1203	72	-0.0297	126	-0.0287
22	0.1203	73	-0.1617	127	-0.0427
23	0.1113	74	-0.5797	128	-0.0047
24	0.0973	75	0.3553	129	-0.1597
25	0.0783	76	0.2623	135	-0.0067
26	0.0523	77	0.1843	136	-0.0177
27	-0.0077	78	0.1083	137	-0.0047
28	-0.1897	79	0.0213	138	0.1293
29	-0.3027	80	-0.0847	139	0.1133
30	0.2023	81	-0.2617	140	0.1143
32	0.1763	82	-0.6007	141	0.2403
33	0.1663	83	0.3163	142	0.2283
34	0.1523	84	0.1963	143	0.2203
35	0.1373	85	0.0923	145	-0.0227
36	0.1313	86	-0.0057	147	0.2523
37	0.1083	87	-0.1027	151	0.0533
38	0.0793	88	-0.2377	152	-0.0887
39	0.0423	89	-0.5977	153	-0.1377
40	-0.0217	90	0.1873	154	-0.2437
41	-0.1817	91	-0.0047	155	0.0293
42	-0.3307	92	-0.0937	156	0.2843
43	0.3053	93	-0.1697	157	0.0563
44	0.2623	94	-0.2687	158	0.4983
45	0.2313	95	-0.5417	159	0.3663
46	0.2023	96	-0.9977	160	0.3093
47	0.1703	97	-0.5747	161	0.1703
48	0.1453	98	-0.7997	162	0.2253
49	0.1103	99	-0.8897	163	0.2283
50	0.0673	100	-0.5077	164	0.1123
51	0.0233	101	-0.2637	165	0.0243

ORF	CP	ORF	CP	ORF	CP
166	0.2073	217	0.0053	268	-0.1877
167	0.3023	218	0.0043	269	0.1943
168	0.2623	219	0.0073	270	0.2643
169	0.0573	220	0.0073	271	-0.2587
170	0.3193	221	-0.2507	272	-0.2837
171	0.1753	222	-0.1627	273	0.0493
172	-0.0717	223	-0.3567	274	0.0513
173	0.0443	224	-0.3597	275	0.4983
174	-0.0357	225	0.3423	276	0.4243
175	-0.3147	226	0.2223	277	0.2693
176	-0.3607	227	-0.7497	278	-0.7187
177	-0.1067	228	-0.6697	279	-0.7087
178	-0.2327	229	-0.5977	280	-0.6527
179	-0.2917	230	-0.3987	281	-0.3937
180	-0.2487	231	-0.1227	282	-0.0007
181	0.4913	232	-0.0427	283	0.0953
182	0.6283	233	-0.0157	284	0.1203
183	0.4563	234	-0.0127	285	0.0093
184	0.8713	235	-0.1477	286	-0.2547
185	1.0493	236	-0.1467	287	-0.2977
186	1.1503	237	-0.2217	288	-0.1577
187	1.1893	238	-0.1917	289	-0.0247
188	1.1943	239	0.4533	290	0.2143
189	1.1903	240	0.3363	291	-1.0477
190	-0.2197	241	-0.9277	292	-0.3557
191	-0.1847	242	-0.7587	325	-0.0007
192	-0.2077	244	-0.4117	326	-0.0027
193	-0.2107	245	-0.1567	327	-0.0007
194	-0.2147	246	-0.0637	328	-0.0007
195	-0.1887	247	-0.0077	329	0.0013
196	-0.2167	248	-0.0057	330	-0.0007
197	-0.2097	249	-0.1597	331	-0.0017
198	-0.2087	250	-0.1167	332	-0.0007
199	-0.2067	251	-0.0737	333	0.0003
200	-0.2007	252	-0.0077	334	0.0023
201	-0.1997	253	0.4153	335	-0.0007
202	-0.2127	254	0.2453	336	-0.0007
203	-0.2007	255	-0.5497	337	-0.0007
204	-0.1937	256	-0.5557	338	-0.0017
205	0.2013	257	-0.5437	339	-0.0007
206	0.1993	258	-0.4707	340	-0.0007
207	0.3543	259	-0.1907	341	0.0013
208	0.4783	260	-0.0077	350	0.0153
210	0.2153	261	0.0573	351	0.0133
211	0.3513	262	0.0563	352	0.0133
212	0.3913	263	-0.2387	353	0.0123
213	0.0073	264	-0.1227	354	0.0153
214	0.0043	265	0.1513	355	0.0163
215	0.0043	266	0.2473		
216	0.0043	267	-0.2577		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1840

TUNNEL = 11

TEST NO. = 086

TEST PHASE = 2

RUN NUMBER = 311.

CONFIGURATION NO. = 14.

ANGLE OF MODEL ROLL(DEG) = 3150.0

MACH NUMBER = 0.897

TUNNEL DYNAMIC PRESSURE(PSF) = 682.

TUNNEL STAGNATION PRESSURE(PSF) = 2041.

TUNNEL STATIC PRESSURE(PSF) = 1211.

REYNOLDS NUMBER PER FOOT = 3.9860E 06

MODEL ANGLE OF ATTACK(DEG) = -8.10

FIN ANGLE(DEG) = -0.

FREE-STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 561.

SCANIVALUE	CP(REF)
147	-0.4427
247	-0.4437
347	-0.4437
447	-0.4427
547	-0.4437
647	-0.4457
747	-0.4037

ORF	CP	ORF	CP	ORF	CP
1	0.1423	52	-0.1367	102	-0.2787
2	-0.4037	53	-0.4257	103	-0.5967
3	-0.5797	54	-0.5817	104	0.0183
4	-0.3457	55	0.2353	105	-0.3967
5	-0.1937	56	0.1863	110	-0.0497
6	-0.0897	57	0.1513	111	-0.0537
7	-0.0327	58	0.1103	112	-0.0217
8	-0.0007	59	0.0723	113	-0.0227
9	0.0093	60	0.0343	114	0.0253
10	0.0083	61	-0.0137	115	0.0233
11	-0.0017	62	-0.0747	116	0.0233
12	-0.0137	63	-0.1667	117	0.0243
13	-0.0517	64	-0.6457	118	0.0243
14	-0.2397	65	-0.6307	119	0.0253
15	-0.2947	66	0.2523	120	-0.0937
16	-0.1947	67	0.1743	121	0.0223
17	-0.2717	68	0.1233	122	0.0233
18	-0.0917	69	0.0793	123	0.0243
19	-0.0507	70	0.0313	124	-0.0137
20	-0.0117	71	-0.0187	125	-0.0457
21	0.0143	72	-0.0957	126	-0.0167
22	0.0253	73	-0.2127	127	-0.0337
23	0.0223	74	-0.6527	128	0.0183
24	0.0193	75	0.2513	129	-0.1187
25	0.0023	76	0.1713	135	0.0163
26	-0.0207	77	0.0983	136	0.0093
27	-0.0667	78	0.0293	137	0.0193
28	-0.2387	79	-0.0537	138	0.1343
29	-0.3727	80	-0.1477	139	0.1223
30	-0.0017	81	-0.3077	140	0.1243
32	0.0383	82	-0.6617	141	0.2203
33	0.0513	83	0.2123	142	0.2163
34	0.0543	84	0.1013	143	0.2063
35	0.0473	85	0.0023	145	0.0103
36	0.0403	86	-0.0997	147	0.2203
37	0.0263	87	-0.1807	151	0.0033
38	0.0043	88	-0.2957	152	-0.0927
39	-0.0227	89	-0.6377	153	-0.1297
40	-0.0817	90	0.0833	154	-0.2187
41	-0.2277	91	-0.1097	155	-0.0017
42	-0.4407	92	-0.1857	156	0.2553
43	0.1563	93	-0.2527	157	0.0573
44	0.1273	94	-0.3277	158	0.4123
45	0.1073	95	-0.5837	159	0.3373
46	0.0903	96	-1.0207	160	0.2863
47	0.0703	97	-0.6047	161	0.1603
48	0.0493	98	-0.6467	162	0.1123
49	0.0193	99	-0.5937	163	0.1943
50	-0.0077	100	-0.5887	164	0.1243
51	-0.0617	101	-0.2977	165	0.0373

ORF	CP	ORF	CP	ORF	CP
166	0.2013	217	0.0203	268	-0.2277
167	0.2883	218	0.0193	269	0.1263
168	0.2683	219	0.0223	270	0.1993
169	0.0853	220	0.0223	271	-0.2967
170	0.1943	221	-0.2187	272	-0.3097
171	0.2193	222	-0.2167	273	-0.0397
172	-0.0317	223	-0.3877	274	-0.0557
173	0.0243	224	-0.3757	275	0.4023
174	-0.0517	225	0.2763	276	0.4053
175	-0.2357	226	0.1523	277	0.2343
176	-0.2997	227	-1.0497	278	-0.9017
177	-0.1237	228	-0.8907	279	-0.8407
178	-0.2417	229	-0.7257	280	-0.7897
179	-0.3077	230	-0.4917	281	-0.6267
180	-0.2117	231	-0.2077	282	-0.2467
181	0.4963	232	-0.1187	283	-0.0597
182	0.6003	233	-0.0867	284	0.0263
183	0.3733	234	-0.0787	285	0.0243
184	0.7423	235	-0.2227	286	-0.2917
185	0.9613	236	-0.1967	287	-0.3377
186	1.1093	237	-0.2267	288	-0.1977
187	1.1913	238	-0.1827	289	-0.0627
188	1.2053	239	0.3833	290	0.1693
189	1.2033	240	0.2683	291	-0.8637
190	-0.1817	241	-1.3087	292	-0.2847
191	-0.1497	242	-1.1327	325	0.0203
192	-0.1747	244	-0.5687	326	0.0213
193	-0.1767	245	-0.2227	327	0.0223
194	-0.1777	246	-0.1287	328	0.0203
195	-0.1647	247	-0.0767	329	0.0203
196	-0.1897	248	-0.0677	330	0.0203
197	-0.1777	249	-0.2307	331	0.0223
198	-0.1877	250	-0.1737	332	0.0233
199	-0.1797	251	-0.1017	333	0.0213
200	-0.1637	252	-0.0397	334	0.0223
201	-0.1607	253	0.3513	335	0.0223
202	-0.1767	254	0.1883	336	0.0213
203	-0.1727	255	-0.8567	337	0.0203
204	-0.1707	256	-0.7967	338	0.0223
205	0.1713	257	-0.7547	339	0.0223
206	0.1693	258	-0.6317	340	0.0213
207	0.3183	259	-0.3247	341	0.0203
208	0.4123	260	-0.1277	350	0.0243
210	0.1693	261	-0.0217	351	0.0263
211	0.2963	262	-0.0177	352	0.0243
212	0.3203	263	-0.3047	353	0.0233
213	0.0233	264	-0.1717	354	0.0223
214	0.0213	265	0.0963	355	0.0243
215	0.0193	266	0.1813		
216	0.0213	267	-0.2967		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1841
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 311.
CONFIGURATION NO. = 14.
ANGLE OF MODEL ROLL(DEG) = 3150.0
MACH NUMBER = 0.897
TUNNEL DYNAMIC PRESSURE(PSF) = 687.
TUNNEL STAGNATION PRESSURE(PSF) = 2057.
TUNNEL STATIC PRESSURE(PSF) = 1219.
REYNOLDS NUMBER PER FOOT = 4.0170E 06
MODEL ANGLE OF ATTACK(DEG) = -4.01
FIN ANGLE(DEG) = -0.
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 561.

SCANIVALUE	CP(REF)
147	-0.4514
247	-0.4524
347	-0.4534
447	-0.4524
547	-0.4534
647	-0.4544
747	-0.3754

ORF	CP	ORF	CP	ORF	CP
1	0.0136	52	-0.1934	102	-0.2984
2	-0.4734	53	-0.4574	103	-0.5894
3	-0.5954	54	-0.6334	104	0.0136
4	-0.3614	55	0.1046	105	-0.4114
5	-0.2284	56	0.0746	110	-0.0534
6	-0.1624	57	0.0436	111	-0.0694
7	-0.1274	58	0.0066	112	-0.0304
8	-0.1084	59	-0.0274	113	-0.0444
9	-0.0994	60	-0.0594	114	0.0136
10	-0.0994	61	-0.0944	115	0.0146
11	-0.1034	62	-0.1454	116	0.0156
12	-0.1154	63	-0.2204	117	0.0156
13	-0.1534	64	-0.6774	118	0.0156
14	-0.2964	65	-0.6774	119	0.0136
15	-0.3214	66	0.1176	120	-0.0794
16	-0.3164	67	0.0566	121	0.0136
17	-0.3774	68	0.0126	122	0.0146
18	-0.1984	69	-0.0274	123	0.0136
19	-0.1404	70	-0.0624	124	-0.0064
20	-0.1074	71	-0.1054	125	-0.0404
21	-0.0924	72	-0.1694	126	-0.0124
22	-0.0844	73	-0.2684	127	-0.0244
23	-0.0824	74	-0.6614	128	0.0206
24	-0.0844	75	0.1096	129	-0.1144
25	-0.0964	76	0.0536	135	0.0226
26	-0.1164	77	-0.0124	136	0.0126
27	-0.1644	78	-0.0734	137	0.0206
28	-0.3124	79	-0.1434	138	0.1186
29	-0.3744	80	-0.2194	139	0.1126
30	-0.1984	81	-0.3534	140	0.1196
32	-0.0654	82	-0.6274	141	0.1766
33	-0.0534	83	0.0786	142	0.1756
34	-0.0534	84	-0.0044	143	0.1716
35	-0.0574	85	-0.0934	145	0.0076
36	-0.0584	86	-0.1694	147	0.1766
37	-0.0694	87	-0.2294	151	-0.0384
38	-0.0884	88	-0.3254	152	-0.1244
39	-0.1104	89	-0.6504	153	-0.1464
40	-0.1674	90	-0.0464	154	-0.2004
41	-0.2924	91	-0.1884	155	-0.0414
42	-0.4644	92	-0.2174	156	0.1556
43	0.0236	93	-0.2644	157	0.0046
44	0.0096	94	-0.3404	158	0.2506
45	0.0056	95	-0.5844	159	0.2416
46	-0.0024	96	-0.8784	160	0.2066
47	-0.0204	97	-0.6554	161	0.1046
48	-0.0364	98	-0.1214	162	0.0616
49	-0.0584	99	-0.2044	163	0.1356
50	-0.0894	100	-0.3944	164	0.1146
51	-0.1304	101	-0.3244	165	-0.0114

ORF	CP	ORF	CP	ORF	CP
166	0.2016	217	0.0126	268	-0.2764
167	0.2426	218	0.0136	269	-0.0024
168	0.2016	219	0.0146	270	0.0736
169	0.0686	220	0.0156	271	-0.3144
170	-0.0314	221	-0.2194	272	-0.3414
171	0.2026	222	-0.2684	273	-0.1384
172	-0.0134	223	-0.4194	274	-0.1244
173	-0.0194	224	-0.4534	275	0.1506
174	-0.0584	225	0.1766	276	0.2706
175	-0.1464	226	0.0716	277	0.1026
176	-0.2434	227	-1.2164	278	-1.0904
177	-0.1404	228	-1.0254	279	-1.0464
178	-0.2344	229	-0.8494	280	-0.8504
179	-0.2844	230	-0.5574	281	-0.5904
180	-0.1924	231	-0.2934	282	-0.2794
181	0.3126	232	-0.2004	283	-0.1534
182	0.4006	233	-0.1614	284	-0.0974
183	0.2426	234	-0.1544	285	0.0156
184	0.5776	235	-0.2894	286	-0.3184
185	0.7186	236	-0.2654	287	-0.3594
186	0.8426	237	-0.2534	288	-0.2544
187	0.9826	238	-0.2004	289	-0.0254
188	1.0856	239	0.2676	290	0.0516
189	1.1316	240	0.1486	291	-0.8224
190	-0.2054	241	-1.3614	292	-0.2604
191	-0.1594	242	-1.2244	325	0.0146
192	-0.1804	244	-0.7824	326	0.0126
193	-0.1794	245	-0.2884	327	0.0126
194	-0.1734	246	-0.1784	328	0.0126
195	-0.1644	247	-0.1464	329	0.0136
196	-0.1914	248	-0.1364	330	0.0146
197	-0.1764	249	-0.2994	331	0.0136
198	-0.1764	250	-0.2324	332	0.0136
199	-0.1784	251	-0.1524	333	0.0136
200	-0.1704	252	-0.0934	334	0.0146
201	-0.1724	253	0.2556	335	0.0156
202	-0.1724	254	0.0886	336	0.0166
203	-0.1724	255	-1.2484	337	0.0146
204	-0.1694	256	-1.0924	338	0.0126
205	0.1176	257	-1.0834	339	0.0126
206	0.1206	258	-0.6634	340	0.0126
207	0.1956	259	-0.2844	341	0.0146
208	0.2356	260	-0.1674	350	0.0126
210	0.0926	261	-0.1204	351	0.0136
211	0.2016	262	-0.1114	352	0.0126
212	0.2206	263	-0.3404	353	0.0146
213	0.0146	264	-0.2154	354	0.0156
214	0.0106	265	-0.0144	355	0.0136
215	0.0136	266	0.0516		
216	0.0126	267	-0.3344		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1842
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 311.
CONFIGURATION NO. = 14.
ANGLE OF MODEL ROLL(DEG) = 3150.0
MACH NUMBER = 0.897
TUNNEL DYNAMIC PRESSURE(PSF) = 687.
TUNNEL STAGNATION PRESSURE(PSF) = 2057.
TUNNEL STATIC PRESSURE(PSF) = 1219.
REYNOLDS NUMBER PER FOOT = 4.0190E 06
MODEL ANGLE OF ATTACK(DEG) = 0.09
FIN ANGLE(DEG) = -0.
FREE*STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 561.

SCANIVALUE	CP(REF)
147	-0.4524
247	-0.4534
347	-0.4524
447	-0.4524
547	-0.4554
647	-0.4554
747	-0.4304

ORF	CP	ORF	CP	ORF	CP
1	-0.0704	52	-0.2834	102	-0.2844
2	-0.5394	53	-0.5354	103	-0.5224
3	-0.6544	54	-0.5124	104	0.0066
4	-0.4274	55	-0.0594	105	-0.3684
5	-0.3094	56	-0.0904	110	-0.0594
6	-0.2524	57	-0.1084	111	-0.0834
7	-0.2244	58	-0.1274	112	-0.0344
8	-0.1984	59	-0.1514	113	-0.0564
9	-0.1974	60	-0.1724	114	0.0016
10	-0.1954	61	-0.2044	115	-0.0004
11	-0.2004	62	-0.2454	116	0.0006
12	-0.2064	63	-0.3104	117	-0.0014
13	-0.2344	64	-0.7274	118	0.0016
14	-0.3414	65	-0.7184	119	0.0006
15	-0.3234	66	-0.0644	120	-0.0664
16	-0.4134	67	-0.0884	121	0.0026
17	-0.5064	68	-0.1184	122	0.0036
18	-0.3074	69	-0.1494	123	0.0026
19	-0.2314	70	-0.1794	124	-0.0034
20	-0.2044	71	-0.2144	125	-0.0324
21	-0.1974	72	-0.2634	126	-0.0154
22	-0.1854	73	-0.3494	127	-0.0254
23	-0.1864	74	-0.7424	128	0.0196
24	-0.1864	75	-0.0724	129	-0.1004
25	-0.1944	76	-0.1104	135	0.0216
26	-0.2104	77	-0.1534	136	0.0106
27	-0.2484	78	-0.1974	137	0.0186
28	-0.3744	79	-0.2514	138	0.1136
29	-0.3514	80	-0.2934	139	0.1076
30	-0.3134	81	-0.4174	140	0.1136
32	-0.1714	82	-0.7384	141	0.1606
33	-0.1724	83	-0.0894	142	0.1586
34	-0.1654	84	-0.1464	143	0.1636
35	-0.1654	85	-0.2194	145	0.0096
36	-0.1674	86	-0.2494	147	0.1526
37	-0.1794	87	-0.2994	151	-0.0684
38	-0.1894	88	-0.3804	152	-0.1524
39	-0.2104	89	-0.7254	153	-0.1594
40	-0.2554	90	-0.2014	154	-0.1914
41	-0.3734	91	-0.2234	155	-0.0874
42	-0.3804	92	-0.2664	156	0.1176
43	-0.1004	93	-0.2974	157	-0.0174
44	-0.1104	94	-0.3564	158	0.1596
45	-0.1274	95	-0.6634	159	0.1966
46	-0.1314	96	-0.6714	160	0.1506
47	-0.1424	97	-0.6664	161	0.0566
48	-0.1534	98	-0.1184	162	0.1406
49	-0.1734	99	-0.1484	163	0.1916
50	-0.1894	100	-0.3884	164	0.1086
51	-0.2254	101	-0.3044	165	0.0346

ORF	CP	ORF	CP	ORF	CP
166	0.1716	217	-0.0004	268	-0.2854
167	0.1956	218	0.0026	269	-0.0754
168	0.1736	219	0.0026	270	-0.0014
169	0.0756	220	0.0026	271	-0.2994
170	-0.0904	221	-0.2314	272	-0.3264
171	0.1666	222	-0.2984	273	-0.1934
172	-0.0164	223	-0.4384	274	-0.1024
173	-0.0534	224	-0.4574	275	0.0326
174	-0.0974	225	0.1196	276	0.1686
175	-0.1634	226	-0.0134	277	0.0166
176	-0.2114	227	-1.1344	278	-1.1264
177	-0.1814	228	-0.9654	279	-1.0194
178	-0.2684	229	-0.8424	280	-0.8694
179	-0.3054	230	-0.5914	281	-0.6644
180	-0.1824	231	-0.3714	282	-0.3524
181	0.2846	232	-0.2934	283	-0.2434
182	0.3586	233	-0.2484	284	-0.1934
183	0.2346	234	-0.2264	285	0.0036
184	0.5356	235	-0.3164	286	-0.3044
185	0.6306	236	-0.2834	287	-0.3384
186	0.7296	237	-0.2554	288	-0.2214
187	0.8186	238	-0.2014	289	-0.1074
188	0.8766	239	0.1256	290	0.0116
189	0.9066	240	0.0016	291	-0.8124
190	-0.1984	241	-1.2254	292	-0.1974
191	-0.1704	242	-1.0644	325	0.0036
192	-0.1754	244	-0.6494	326	0.0046
193	-0.1814	245	-0.3924	327	0.0066
194	-0.1774	246	-0.2964	328	0.0046
195	-0.1704	247	-0.2354	329	0.0066
196	-0.1904	248	-0.2284	330	0.0046
197	-0.1744	249	-0.3354	331	0.0056
198	-0.1784	250	-0.2674	332	0.0076
199	-0.1864	251	-0.1864	333	0.0056
200	-0.1784	252	-0.1374	334	0.0076
201	-0.1744	253	0.1806	335	0.0056
202	-0.1754	254	0.0226	336	0.0056
203	-0.1764	255	-1.3164	337	0.0046
204	-0.1754	256	-1.2594	338	0.0056
205	0.0606	257	-1.1004	339	0.0066
206	0.0626	258	-0.7264	340	0.0046
207	0.0956	259	-0.3744	341	0.0056
208	0.0736	260	-0.2514	350	-0.0014
210	0.0336	261	-0.2054	351	-0.0044
211	0.1446	262	-0.1884	352	-0.0064
212	0.1786	263	-0.3634	353	-0.0074
213	-0.0014	264	-0.2434	354	-0.0074
214	0.0006	265	-0.0474	355	-0.0064
215	0.0026	266	0.0106		
216	0.0006	267	-0.3394		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1843
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 311.
CONFIGURATION NO. = 14.
ANGLE OF MODEL ROLL(DEG) = 3150.0
MACH NUMBER = 0.895
TUNNEL DYNAMIC PRESSURE(PSF) = 682.
TUNNEL STAGNATION PRESSURE(PSF) = 2044.
TUNNEL STATIC PRESSURE(PSF) = 1215.
REYNOLDS NUMBER PER FOOT = 3.9950E 06
MODEL ANGLE OF ATTACK(DEG) = 4.03
FIN ANGLE(DEG) = -0.
FREE-STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 561.

SCANIVALUE	CP(REF)
147	-0.4485
247	-0.4495
347	-0.4495
447	-0.4485
547	-0.4455
647	-0.4455
747	-0.3835

ORF	CP	ORF	CP	ORF	CP
1	-0.2385	52	-0.3465	102	-0.3075
2	-0.5925	53	-0.5445	103	-0.5515
3	-0.6105	54	-0.4055	104	0.0325
4	-0.5055	55	-0.4975	105	-0.4005
5	-0.4215	56	-0.3325	110	-0.0595
6	-0.3595	57	-0.2675	111	-0.0945
7	-0.3275	58	-0.2685	112	-0.0365
8	-0.3015	59	-0.2755	113	-0.0635
9	-0.2955	60	-0.2835	114	0.0365
10	-0.2885	61	-0.3025	115	0.0345
11	-0.2805	62	-0.3285	116	0.0335
12	-0.2855	63	-0.3885	117	0.0365
13	-0.3045	64	-0.7465	118	0.0355
14	-0.3765	65	-0.6045	119	0.0355
15	-0.3495	66	-0.5295	120	-0.0615
16	-0.5035	67	-0.3205	121	0.0315
17	-0.5535	68	-0.2675	122	0.0345
18	-0.4575	69	-0.2725	123	0.0365
19	-0.3995	70	-0.2955	124	-0.0065
20	-0.3465	71	-0.3155	125	-0.0375
21	-0.3275	72	-0.3525	126	-0.0185
22	-0.3165	73	-0.4355	127	-0.0295
23	-0.3115	74	-0.7335	128	0.0185
24	-0.2995	75	-0.5455	129	-0.0885
25	-0.3005	76	-0.3605	135	0.0195
26	-0.3125	77	-0.2975	136	0.0095
27	-0.3375	78	-0.3055	137	0.0155
28	-0.3925	79	-0.3385	138	0.1105
29	-0.3445	80	-0.3665	139	0.1075
30	-0.5155	81	-0.4755	140	0.1135
32	-0.3415	82	-0.7195	141	0.1495
33	-0.3125	83	-0.5445	142	0.1505
34	-0.3005	84	-0.3705	143	0.1565
35	-0.2955	85	-0.3205	145	0.0085
36	-0.2925	86	-0.3045	147	0.1495
37	-0.2895	87	-0.3335	151	-0.0395
38	-0.2965	88	-0.4275	152	-0.1325
39	-0.3145	89	-0.6685	153	-0.1605
40	-0.3395	90	-0.5915	154	-0.1725
41	-0.3985	91	-0.3825	155	-0.0795
42	-0.3595	92	-0.3045	156	0.0115
43	-0.5285	93	-0.3285	157	-0.0595
44	-0.2855	94	-0.4025	158	0.0415
45	-0.2665	95	-0.6095	159	0.0565
46	-0.2595	96	-0.3775	160	0.0265
47	-0.2625	97	-0.6005	161	-0.0385
48	-0.2645	98	-0.0895	162	-0.0155
49	-0.2685	99	-0.1065	163	0.0065
50	-0.2845	100	-0.4425	164	0.1035
51	-0.3095	101	-0.3245	165	-0.0855

ORF	CP	ORF	CP	ORF	CP
166	0.1135	217	0.0335	268	-0.2945
167	0.1255	218	0.0345	269	-0.0985
168	0.0965	219	0.0355	270	-0.0565
169	0.0265	220	0.0325	271	-0.3165
170	-0.0255	221	-0.2385	272	-0.3375
171	0.1135	222	-0.2865	273	-0.1095
172	-0.0475	223	-0.3665	274	-0.0775
173	-0.0745	224	-0.3895	275	-0.0055
174	-0.1245	225	0.0515	276	0.0145
175	-0.1955	226	-0.0995	277	-0.1215
176	-0.2225	227	-1.0935	278	-1.0365
177	-0.1785	228	-0.9675	279	-0.9485
178	-0.2295	229	-0.8635	280	-0.8115
179	-0.2145	230	-0.6435	281	-0.6085
180	-0.1855	231	-0.4365	282	-0.4275
181	0.1175	232	-0.3605	283	-0.3465
182	0.1955	233	-0.3045	284	-0.2935
183	0.1995	234	-0.2745	285	0.0355
184	0.3875	235	-0.3265	286	-0.3185
185	0.4615	236	-0.2845	287	-0.3595
186	0.5425	237	-0.2395	288	-0.1795
187	0.6415	238	-0.1985	289	-0.1055
188	0.7235	239	-0.0795	290	-0.0305
189	0.7945	240	-0.0475	291	-0.8115
190	-0.2295	241	-1.1595	292	-0.1015
191	-0.1985	242	-1.0375	325	0.0285
192	-0.1995	244	-0.7505	326	0.0295
193	-0.1875	245	-0.4685	327	0.0305
194	-0.1885	246	-0.3515	328	0.0275
195	-0.1935	247	-0.2905	329	0.0285
196	-0.1985	248	-0.2565	330	0.0295
197	-0.1865	249	-0.3235	331	0.0315
198	-0.1885	250	-0.2525	332	0.0315
199	-0.1875	251	-0.1655	333	0.0285
200	-0.1935	252	-0.1155	334	0.0305
201	-0.1925	253	0.1055	335	0.0305
202	-0.1885	254	-0.0385	336	0.0275
203	-0.1915	255	-1.3725	337	0.0285
204	-0.1895	256	-1.2605	338	0.0305
205	0.0455	257	-1.0995	339	0.0315
206	0.0435	258	-0.7935	340	0.0275
207	0.0765	259	-0.4355	341	0.0295
208	0.0645	260	-0.3365	350	0.0345
210	-0.0155	261	-0.2935	351	0.0375
211	0.0985	262	-0.2595	352	0.0385
212	0.1445	263	-0.3805	353	0.0365
213	0.0335	264	-0.2425	354	0.0355
214	0.0335	265	-0.0655	355	0.0395
215	0.0335	266	-0.0345		
216	0.0335	267	-0.3455		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1844
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 311.
CONFIGURATION NO. = 14.
ANGLE OF MODEL ROLL(DEG) = 3150.0
MACH NUMBER = 0.890
TUNNEL DYNAMIC PRESSURE(PSF) = 677.
TUNNEL STAGNATION PRESSURE(PSF) = 2041.
TUNNEL STATIC PRESSURE(PSF) = 1219.
REYNOLDS NUMBER PER FOOT = 3.9790E 06
MODEL ANGLE OF ATTACK(DEG) = 7.98
FIN ANGLE(DEG) = -0.
FREE-STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 561.

SCANVALUE	CP(REF)
147	-0.4576
247	-0.4586
347	-0.4576
447	-0.4576
547	-0.4606
647	-0.4626
747	-0.4036

ORF	CP	ORF	CP	ORF	CP
1	-0.2746	52	-0.3916	102	-0.3286
2	-0.6476	53	-0.5246	103	-0.6316
3	-0.7006	54	-0.4306	104	0.0534
4	-0.5996	55	-0.9656	105	-0.4316
5	-0.5426	56	-0.8486	110	-0.0576
6	-0.4766	57	-0.5786	111	-0.1056
7	-0.4376	58	-0.3006	112	-0.0356
8	-0.3826	59	-0.2546	113	-0.0876
9	-0.3576	60	-0.2886	114	0.0474
10	-0.3416	61	-0.3246	115	0.0454
11	-0.3266	62	-0.3616	116	0.0454
12	-0.3286	63	-0.4056	117	0.0454
13	-0.3466	64	-0.7446	118	0.0454
14	-0.4046	65	-0.6126	119	0.0444
15	-0.3786	66	-0.8406	120	-0.0626
16	-0.5726	67	-0.8216	121	0.0424
17	-0.6356	68	-0.7316	122	0.0424
18	-0.5996	69	-0.5766	123	0.0444
19	-0.5376	70	-0.4126	124	-0.0306
20	-0.4906	71	-0.3396	125	-0.0486
21	-0.4486	72	-0.3526	126	-0.0286
22	-0.3976	73	-0.4156	127	-0.0406
23	-0.3786	74	-0.7426	128	-0.0116
24	-0.3606	75	-0.7796	129	-0.1056
25	-0.3486	76	-0.7816	135	-0.0026
26	-0.3506	77	-0.7416	136	-0.0146
27	-0.3716	78	-0.6576	137	-0.0106
28	-0.4226	79	-0.5816	138	0.1054
29	-0.3836	80	-0.5296	139	0.1014
30	-0.6626	81	-0.5786	140	0.1054
32	-0.5226	82	-0.5726	141	0.1324
33	-0.4646	83	-0.8016	142	0.1364
34	-0.4076	84	-0.7976	143	0.1424
35	-0.3706	85	-0.7666	145	-0.0156
36	-0.3516	86	-0.6936	147	0.1344
37	-0.3396	87	-0.6016	151	-0.0496
38	-0.3386	88	-0.5576	152	-0.1366
39	-0.3566	89	-0.4726	153	-0.1686
40	-0.3786	90	-0.8166	154	-0.1806
41	-0.4256	91	-0.8056	155	-0.0326
42	-0.3846	92	-0.7536	156	-0.0356
43	-0.9356	93	-0.6626	157	-0.0976
44	-0.6486	94	-0.5756	158	-0.0266
45	-0.4356	95	-0.4306	159	-0.0106
46	-0.3386	96	-0.3446	160	-0.0276
47	-0.3156	97	-0.6296	161	-0.0746
48	-0.2986	98	-0.0186	162	0.0144
49	-0.3186	99	-0.0186	163	0.0124
50	-0.3336	100	-0.4656	164	0.1014
51	-0.3606	101	-0.3606	165	-0.0756

ORF	CP	ORF	CP	ORF	CP
166	0.2054	217	0.0434	268	-0.2806
167	0.1844	218	0.0444	269	-0.0996
168	0.1694	219	0.0414	270	-0.0856
169	0.0824	220	0.0434	271	-0.3666
170	0.1844	221	-0.2396	272	-0.3666
171	0.0764	222	-0.2886	273	-0.1136
172	-0.0636	223	-0.3456	274	-0.1106
173	-0.0786	224	-0.3606	275	-0.0606
174	-0.1756	225	-0.0196	276	-0.0246
175	-0.2646	226	-0.1266	277	-0.1656
176	-0.2546	227	-1.2386	278	-1.1266
177	-0.1846	228	-1.1416	279	-1.0326
178	-0.2206	229	-1.0076	280	-0.8976
179	-0.1606	230	-0.7596	281	-0.6936
180	-0.1896	231	-0.5166	282	-0.5306
181	0.0044	232	-0.4136	283	-0.4736
182	0.0844	233	-0.3516	284	-0.3706
183	0.2124	234	-0.3086	285	0.0424
184	0.3794	235	-0.3496	286	-0.3616
185	0.4474	236	-0.2936	287	-0.3906
186	0.5054	237	-0.2366	288	-0.1516
187	0.5384	238	-0.2006	289	-0.0716
188	0.5484	239	0.0684	290	-0.0556
189	0.5914	240	-0.0476	291	-0.7936
190	-0.2276	241	-1.3986	292	-0.0296
191	-0.2036	242	-1.3156	325	0.0534
192	-0.2016	244	-0.9676	326	0.0554
193	-0.2036	245	-0.5306	327	0.0524
194	-0.1956	246	-0.3956	328	0.0524
195	-0.2036	247	-0.3356	329	0.0504
196	-0.1996	248	-0.2946	330	0.0514
197	-0.1966	249	-0.3636	331	0.0574
198	-0.1996	250	-0.2686	332	0.0534
199	-0.1966	251	-0.1856	333	0.0544
200	-0.2066	252	-0.1296	334	0.0534
201	-0.2016	253	0.0514	335	0.0534
202	-0.1986	254	-0.0756	336	0.0534
203	-0.2026	255	-1.3876	337	0.0534
204	-0.2046	256	-1.3016	338	0.0544
205	-0.0256	257	-1.1756	339	0.0524
206	-0.0196	258	-0.9516	340	0.0534
207	0.0334	259	-0.5616	341	0.0504
208	-0.0896	260	-0.4366	350	0.0454
210	-0.0656	261	-0.3626	351	0.0474
211	0.0734	262	-0.3126	352	0.0454
212	0.1184	263	-0.4156	353	0.0474
213	0.0484	264	-0.2516	354	0.0454
214	0.0474	265	-0.0816	355	0.0444
215	0.0444	266	-0.0566		
216	0.0444	267	-0.3876		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1845
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 311.
CONFIGURATION NO. = 14.
ANGLE OF MODEL ROLL(DEG) = 3150.0
MACH NUMBER = 0.894
TUNNEL DYNAMIC PRESSURE(PSF) = 680.
TUNNEL STAGNATION PRESSURE(PSF) = 2042.
TUNNEL STATIC PRESSURE(PSF) = 1215.
REYNOLDS NUMBER PER FOOT = 3.9890E 06
MODEL ANGLE OF ATTACK(DEG) = 11.95
FIN ANGLE(DEG) = -0.
FREE-STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 561.

SCANVALUE	CP(REF)
147	-0.4498
247	-0.4508
347	-0.4498
447	-0.4498
547	-0.4578
647	-0.4578
747	-0.4088

ORF	CP	ORF	CP	ORF	CP
1	-0.2798	52	-0.4778	102	-0.3908
2	-0.6338	53	-0.5228	103	-0.6888
3	-0.6908	54	-0.4598	104	0.0542
4	-0.6028	55	-1.1718	105	-0.5668
5	-0.5468	56	-1.1208	110	-0.0548
6	-0.5278	57	-0.9388	111	-0.1108
7	-0.5018	58	-0.6688	112	-0.0378
8	-0.4608	59	-0.4568	113	-0.0808
9	-0.4538	60	-0.4148	114	0.0422
10	-0.4488	61	-0.4118	115	0.0412
11	-0.4148	62	-0.4418	116	0.0402
12	-0.4088	63	-0.4588	117	0.0392
13	-0.4228	64	-0.6498	118	0.0412
14	-0.4948	65	-0.6118	119	0.0402
15	-0.4488	66	-1.1088	120	-0.0688
16	-0.5488	67	-1.1098	121	0.0412
17	-0.6188	68	-1.0848	122	0.0392
18	-0.5818	69	-1.0068	123	0.0432
19	-0.5648	70	-0.8068	124	-0.0658
20	-0.5388	71	-0.5638	125	-0.0708
21	-0.5188	72	-0.3938	126	-0.0578
22	-0.5108	73	-0.4148	127	-0.0678
23	-0.4898	74	-0.6368	128	-0.0418
24	-0.4568	75	-1.0318	129	-0.1268
25	-0.4498	76	-1.0588	135	-0.0478
26	-0.4398	77	-1.0478	136	-0.0448
27	-0.4468	78	-1.0328	137	-0.0428
28	-0.4978	79	-0.9858	138	0.0822
29	-0.4548	80	-0.8588	139	0.0752
30	-0.6078	81	-0.7368	140	0.0832
32	-0.5778	82	-0.5818	141	0.0992
33	-0.5728	83	-0.9668	142	0.1102
34	-0.5408	84	-0.9718	143	0.1262
35	-0.5218	85	-0.9708	145	-0.0468
36	-0.4988	86	-0.9588	147	0.1242
37	-0.4848	87	-0.8878	151	-0.0908
38	-0.4598	88	-0.7748	152	-0.1628
39	-0.4718	89	-0.5998	153	-0.1938
40	-0.4768	90	-0.8138	154	-0.2108
41	-0.5028	91	-0.7598	155	-0.0918
42	-0.4348	92	-0.7208	156	-0.1158
43	-1.0278	93	-0.6848	157	-0.1698
44	-0.7288	94	-0.6228	158	-0.0588
45	-0.5728	95	-0.5508	159	-0.0988
46	-0.5238	96	-0.3388	160	-0.1228
47	-0.5098	97	-0.5368	161	-0.1668
48	-0.4888	98	0.0112	162	-0.0088
49	-0.4688	99	0.0432	163	-0.0398
50	-0.4698	100	-0.4458	164	0.0782
51	-0.4688	101	-0.4208	165	-0.1278

ORF	CP	ORF	CP	ORF	CP
166	0.0692	217	0.0422	268	-0.2938
167	0.0222	218	0.0422	269	-0.1528
168	0.0112	219	0.0432	270	-0.1438
169	-0.0588	220	0.0452	271	-0.4278
170	-0.0048	221	-0.2928	272	-0.3838
171	-0.0938	222	-0.3418	273	-0.1688
172	-0.1798	223	-0.3988	274	-0.1268
173	-0.1948	224	-0.4018	275	-0.0888
174	-0.2448	225	0.0172	276	-0.0588
175	-0.2568	226	-0.0908	277	-0.1848
176	-0.2678	227	-1.2938	278	-1.2118
177	-0.2328	228	-1.2378	279	-1.0678
178	-0.2248	229	-1.0018	280	-0.9238
179	-0.1728	230	-0.8118	281	-0.7018
180	-0.2308	231	-0.6038	282	-0.5688
181	-0.1268	232	-0.4828	283	-0.5128
182	-0.0178	233	-0.4108	284	-0.4608
183	0.0462	234	-0.3578	285	0.0412
184	0.1902	235	-0.4478	286	-0.4248
185	0.2192	236	-0.3498	287	-0.4118
186	0.2732	237	-0.2788	288	-0.1598
187	0.2832	238	-0.2338	289	-0.0788
188	0.3142	239	-0.0732	290	-0.1138
189	0.3342	240	-0.0388	291	-0.6398
190	-0.2358	241	-1.4198	292	0.0212
191	-0.2348	242	-1.3068	325	0.0552
192	-0.2208	244	-1.0558	326	0.0552
193	-0.2248	245	-0.6918	327	0.0542
194	-0.2248	246	-0.4678	328	0.0542
195	-0.2428	247	-0.4148	329	0.0532
196	-0.2358	248	-0.3558	330	0.0542
197	-0.2288	249	-0.4578	331	0.0562
198	-0.2378	250	-0.3198	332	0.0542
199	-0.2378	251	-0.2218	333	0.0552
200	-0.2528	252	-0.1728	334	0.0542
201	-0.2498	253	0.0092	335	0.0552
202	-0.2288	254	-0.1378	336	0.0542
203	-0.2398	255	-1.4218	337	0.0552
204	-0.2438	256	-1.3308	338	0.0552
205	-0.0268	257	-1.2308	339	0.0542
206	-0.0268	258	-1.0028	340	0.0542
207	-0.0458	259	-0.6198	341	0.0542
208	-0.3298	260	-0.5038	350	0.0422
210	-0.1048	261	-0.4538	351	0.0422
211	0.0432	262	-0.3908	352	0.0422
212	0.0882	263	-0.4778	353	0.0442
213	0.0422	264	-0.2798	354	0.0442
214	0.0422	265	-0.1378	355	0.0432
215	0.0412	266	-0.1248		
216	0.0402	267	-0.4638		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1846
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 311.
CONFIGURATION NO. = 14.
ANGLE OF MODEL ROLL(DEG) = 3150.0
MACH NUMBER = 0.902
TUNNEL DYNAMIC PRESSURE(PSF) = 685.
TUNNEL STAGNATION PRESSURE(PSF) = 2040.
TUNNEL STATIC PRESSURE(PSF) = 1203.
REYNOLDS NUMBER PER FOOT = 3.9990E 06
MODEL ANGLE OF ATTACK(DEG) = 0.13
FIN ANGLE(DEG) = -0.
FREE-STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 561.

SCANIVALUE	CP(REF)
147	-0.4272
247	-0.4292
347	-0.4272
447	-0.4272
547	-0.4252
647	-0.4262
747	-0.3572

ORF	CP	ORF	CP	ORF	CP
1	-0.0672	52	-0.2762	102	-0.2762
2	-0.5422	53	-0.5222	103	-0.5102
3	-0.6722	54	-0.4672	104	0.0128
4	-0.4442	55	-0.0522	105	-0.3492
5	-0.3022	56	-0.0832	110	-0.0412
6	-0.2462	57	-0.0972	111	-0.0672
7	-0.2162	58	-0.1182	112	-0.0202
8	-0.1922	59	-0.1402	113	-0.0362
9	-0.1882	60	-0.1642	114	0.0188
10	-0.1882	61	-0.1952	115	0.0188
11	-0.1882	62	-0.2352	116	0.0188
12	-0.1942	63	-0.2992	117	0.0198
13	-0.2252	64	-0.7102	118	0.0188
14	-0.3342	65	-0.7102	119	0.0178
15	-0.3112	66	-0.0562	120	-0.0472
16	-0.4092	67	-0.0832	121	0.0148
17	-0.5192	68	-0.1112	122	0.0188
18	-0.2962	69	-0.1382	123	0.0168
19	-0.2182	70	-0.1712	124	0.0118
20	-0.1962	71	-0.2102	125	-0.0182
21	-0.1862	72	-0.2562	126	0.0048
22	-0.1772	73	-0.3392	127	-0.0052
23	-0.1792	74	-0.7302	128	0.0428
24	-0.1792	75	-0.0612	129	-0.0762
25	-0.1852	76	-0.0982	135	0.0408
26	-0.2002	77	-0.1452	136	0.0278
27	-0.2382	78	-0.1852	137	0.0388
28	-0.3642	79	-0.2442	138	0.1298
29	-0.3412	80	-0.2872	139	0.1258
30	-0.3662	81	-0.4062	140	0.1298
32	-0.1622	82	-0.7232	141	0.1768
33	-0.1592	83	-0.0862	142	0.1738
34	-0.1572	84	-0.1432	143	0.1788
35	-0.1582	85	-0.2162	145	0.0268
36	-0.1602	86	-0.2432	147	0.1708
37	-0.1672	87	-0.2882	151	-0.0562
38	-0.1792	88	-0.3712	152	-0.1432
39	-0.1992	89	-0.7112	153	-0.1492
40	-0.2432	90	-0.1972	154	-0.1802
41	-0.3572	91	-0.2102	155	-0.0912
42	-0.3782	92	-0.2492	156	0.1278
43	-0.0942	93	-0.2922	157	-0.0162
44	-0.1042	94	-0.3462	158	0.1608
45	-0.1172	95	-0.6642	159	0.1988
46	-0.1272	96	-0.6822	160	0.1588
47	-0.1382	97	-0.6572	161	0.0728
48	-0.1482	98	-0.1092	162	0.1538
49	-0.1652	99	-0.1402	163	0.1998
50	-0.1852	100	-0.3802	164	0.1248
51	-0.2182	101	-0.2992	165	0.0388

ORF	CP	ORF	CP	ORF	CP
166	0.1778	217	0.0168	268	-0.2732
167	0.2048	218	0.0198	269	-0.0572
168	0.1788	219	0.0188	270	0.0148
169	0.0858	220	0.0178	271	-0.2862
170	-0.0832	221	-0.2652	272	-0.3072
171	0.1738	222	-0.2822	273	-0.1822
172	-0.0132	223	-0.4182	274	-0.0862
173	-0.0582	224	-0.4382	275	0.0518
174	-0.0882	225	0.1248	276	0.1848
175	-0.1482	226	-0.0072	277	0.0408
176	-0.2092	227	-1.1352	278	-1.1122
177	-0.1832	228	-0.9472	279	-0.9922
178	-0.2722	229	-0.7852	280	-0.8342
179	-0.3122	230	-0.5582	281	-0.6182
180	-0.1732	231	-0.3532	282	-0.3312
181	0.2948	232	-0.2782	283	-0.2262
182	0.3568	233	-0.2312	284	-0.1812
183	0.2418	234	-0.2152	285	0.0178
184	0.5388	235	-0.2962	286	-0.2892
185	0.6558	236	-0.2662	287	-0.3252
186	0.7378	237	-0.2362	288	-0.1952
187	0.8318	238	-0.1842	289	-0.0832
188	0.8868	239	0.1388	290	0.0278
189	0.9108	240	0.0158	291	-0.7462
190	-0.1932	241	-1.0642	292	-0.1702
191	-0.1662	242	-0.9712	325	0.0148
192	-0.1692	244	-0.6452	326	0.0168
193	-0.1652	245	-0.3752	327	0.0158
194	-0.1672	246	-0.2722	328	0.0138
195	-0.1702	247	-0.2222	329	0.0158
196	-0.1842	248	-0.2032	330	0.0148
197	-0.1652	249	-0.2922	331	0.0168
198	-0.1682	250	-0.2382	332	0.0148
199	-0.1692	251	-0.1612	333	0.0138
200	-0.1662	252	-0.1022	334	0.0148
201	-0.1642	253	0.1948	335	0.0148
202	-0.1652	254	0.0328	336	0.0148
203	-0.1652	255	-1.3162	337	0.0148
204	-0.1652	256	-1.0932	338	0.0168
205	0.0768	257	-0.9732	339	0.0168
206	0.0808	258	-0.6992	340	0.0148
207	0.1088	259	-0.3632	341	0.0158
208	0.0938	260	-0.2332	350	0.0198
210	0.0508	261	-0.1912	351	0.0188
211	0.1568	262	-0.1732	352	0.0198
212	0.1838	263	-0.3432	353	0.0208
213	0.0178	264	-0.2222	354	0.0188
214	0.0188	265	-0.0352	355	0.0208
215	0.0168	266	0.0228		
216	0.0168	267	-0.3192		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1850
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 312.
CONFIGURATION NO. = 15.
ANGLE OF MODEL ROLL(DEG) = 900.0
MACH NUMBER = 1.347
TUNNEL DYNAMIC PRESSURE(PSF) = 827.
TUNNEL STAGNATION PRESSURE(PSF) = 1925.
TUNNEL STATIC PRESSURE(PSF) = 651.
REYNOLDS NUMBER PER FOOT = 3.9950E 06
MODEL ANGLE OF ATTACK(DEG) = -12.08
FIN ANGLE(DEG) = -0.
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 559.

SCANIVALUE	CP(REF)
147	0.3158
247	0.3148
347	0.3148
447	0.3138
547	0.3158
647	0.3158
747	0.3158

ORF	CP	ORF	CP	ORF	CP
1	-0.2692	52	-0.1162	102	-0.2532
2	-0.3732	53	-0.1982	103	-0.5232
3	-0.3732	54	-0.2652	104	0.1168
4	-0.3612	55	-0.0322	105	-0.4522
5	-0.3132	56	-0.0642	110	-0.2122
6	-0.2512	57	-0.0532	111	-0.2072
7	-0.2072	58	-0.0522	112	-0.2092
8	-0.1642	59	-0.0462	113	-0.2042
9	-0.1642	60	-0.0572	114	0.1288
10	-0.1442	61	-0.0182	115	0.1328
11	-0.1422	62	-0.0302	116	0.1238
12	-0.1272	63	-0.0302	117	0.1278
13	-0.1362	64	-0.2232	118	0.1288
14	-0.1852	65	-0.2272	119	0.1308
15	-0.2242	66	0.1288	120	-0.2042
16	-0.4162	67	0.0838	121	0.1038
17	-0.4252	68	0.0688	122	0.1308
18	-0.4132	69	0.0908	123	0.1258
19	-0.3672	70	0.0738	124	-0.1242
20	-0.3062	71	0.0918	125	-0.1352
21	-0.2422	72	0.0818	126	-0.1072
22	-0.1872	73	0.0608	127	-0.1252
23	-0.1812	74	-0.1622	128	-0.0982
24	-0.1662	75	0.2508	129	-0.2042
25	-0.1502	76	0.2148	135	-0.1012
26	-0.1392	77	0.2128	136	-0.1012
27	-0.1452	78	0.1858	137	-0.1022
28	-0.1902	79	0.1678	138	0.0108
29	-0.2442	80	0.1478	139	0.0068
30	-0.3792	81	0.1078	140	0.0078
32	-0.2862	82	-0.1312	141	0.1268
33	-0.2422	83	0.3368	142	0.1408
34	-0.2162	84	0.2708	143	0.1508
35	-0.1952	85	0.2388	145	-0.1062
36	-0.1752	86	0.2048	147	0.1428
37	-0.1552	87	0.1458	151	-0.0792
38	-0.1402	88	0.0858	152	-0.1782
39	-0.1462	89	-0.1622	153	-0.2602
40	-0.1532	90	0.3588	154	-0.3202
41	-0.1922	91	0.1968	155	0.0488
42	-0.2442	92	0.0988	156	0.0118
43	-0.2192	93	0.0488	157	-0.0902
44	-0.2012	94	0.0068	158	0.1518
45	-0.1772	95	-0.2222	159	0.0938
46	-0.1652	96	-0.2772	160	0.0548
47	-0.1362	97	-0.2632	161	-0.0012
48	-0.1182	98	-0.1332	162	0.0938
49	-0.1142	99	-0.2322	163	0.0768
50	-0.0912	100	-0.2262	164	0.0068
51	-0.1112	101	-0.2622	165	-0.0722

ORF	CP	ORF	CP	ORF	CP
166	0.1878	217	0.1288	268	-0.2122
167	0.0548	218	0.1228	269	-0.0182
168	0.0218	219	0.1318	270	0.0298
169	-0.0392	220	0.1318	271	-0.2542
170	-0.0462	221	0.1028	272	-0.2652
171	0.0048	222	-0.0482	273	-0.0442
172	-0.0882	223	-0.4072	274	-0.0322
173	0.0178	224	-0.3902	275	0.0408
174	-0.0622	225	-0.3762	276	-0.0132
175	-0.1262	226	-0.5842	277	-0.0562
176	-0.2142	227	-0.6892	278	-0.5542
177	-0.1922	228	-0.6772	279	-0.5032
178	-0.2242	229	-0.6642	280	-0.4472
179	-0.1732	230	-0.6502	281	-0.3822
180	-0.3092	231	-0.5882	282	-0.3152
181	0.6128	232	-0.5082	283	-0.2502
182	0.8618	233	-0.3772	284	-0.1572
183	0.9058	234	-0.2942	285	0.1288
184	1.2618	235	-0.3072	286	-0.2602
185	1.3208	236	-0.2782	287	-0.2922
186	1.3748	237	-0.3192	288	-0.0872
187	1.4448	238	-0.2782	289	-0.0172
188	1.4768	239	0.0818	290	0.0178
189	1.4818	240	0.0258	291	-0.0412
190	-0.2672	241	-0.6182	292	0.0838
191	-0.3032	242	-0.5932	325	0.1128
192	-0.2522	244	-0.5562	326	0.1178
193	-0.2502	245	-0.4962	327	0.1258
194	-0.2492	246	-0.4452	328	0.1228
195	-0.3002	247	-0.3102	329	0.1248
196	-0.2642	248	-0.2092	330	0.1158
197	-0.2522	249	-0.2452	331	0.1168
198	-0.2562	250	-0.1982	332	0.1268
199	-0.2602	251	-0.1822	333	0.1218
200	-0.2942	252	-0.1362	334	0.1238
201	-0.2842	253	0.1358	335	0.1138
202	-0.2612	254	0.0778	336	0.1128
203	-0.2692	255	-0.5912	337	0.1148
204	-0.2842	256	-0.5412	338	0.1188
205	0.1168	257	-0.4852	339	0.1238
206	0.1138	258	-0.3972	340	0.1228
207	0.1818	259	-0.3722	341	0.1268
208	0.2188	260	-0.3302	350	0.1298
210	0.4638	261	-0.2212	351	0.1268
211	0.6598	262	-0.1342	352	0.1268
212	0.7408	263	-0.2992	353	0.1298
213	0.1328	264	-0.1792	354	0.1308
214	0.1338	265	-0.0182	355	0.1288
215	0.1328	266	0.0288		
216	0.1328	267	-0.2792		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1851

TUNNEL = 11

TEST NO. = 086

TEST PHASE = 2

RUN NUMBER = 312.

CONFIGURATION NO. = 15.

ANGLE OF MODEL ROLL(DEG) = 900.0

MACH NUMBER = 1.354

TUNNEL DYNAMIC PRESSURE(PSF) = 830.

TUNNEL STAGNATION PRESSURE(PSF) = 1930.

TUNNEL STATIC PRESSURE(PSF) = 647.

REYNOLDS NUMBER PER FOOT = 3.9940E 06

MODEL ANGLE OF ATTACK(DEG) = -8.12

FIN ANGLE(DEG) = -0.

FREE-STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 560.

SCANIVALUE	CP(REF)
147	0.3175
247	0.3165
347	0.3165
447	0.3165
547	0.3175
647	0.3175
747	0.3165

ORF	CP	ORF	CP	ORF	CP
1	-0.0505	52	0.0045	102	-0.2095
2	-0.2175	53	-0.0735	103	-0.5215
3	-0.3285	54	-0.1975	104	0.1105
4	-0.2945	55	0.1475	105	-0.4465
5	-0.1565	56	0.1065	110	-0.1455
6	-0.0565	57	0.1065	111	-0.1405
7	-0.0385	58	0.0935	112	-0.1375
8	-0.0395	59	0.0785	113	-0.1375
9	-0.0505	60	0.0645	114	0.1135
10	-0.0515	61	0.0515	115	0.1175
11	-0.0575	62	0.0445	116	0.1165
12	-0.0455	63	0.0515	117	0.1195
13	-0.0555	64	-0.1505	118	0.1105
14	-0.1135	65	-0.1565	119	0.1135
15	-0.1495	66	0.1935	120	-0.1505
16	-0.1395	67	0.1575	121	0.1045
17	-0.2135	68	0.1335	122	0.1205
18	-0.2365	69	0.1215	123	0.1215
19	-0.1505	70	0.1085	124	-0.0825
20	-0.0625	71	0.1015	125	-0.0915
21	-0.0465	72	0.0895	126	-0.0615
22	-0.0425	73	0.1145	127	-0.0805
23	-0.0505	74	-0.1095	128	-0.0725
24	-0.0475	75	0.2435	129	-0.1695
25	-0.0505	76	0.1995	135	-0.0695
26	-0.0445	77	0.1775	136	-0.0705
27	-0.0505	78	0.1615	137	-0.0705
28	-0.1075	79	0.1395	138	0.0015
29	-0.1915	80	0.1535	139	-0.0015
30	-0.0915	81	0.1405	140	-0.0015
32	-0.1125	82	-0.1045	141	0.1325
33	-0.0455	83	0.3095	142	0.1315
34	-0.0215	84	0.2615	143	0.1375
35	-0.0225	85	0.2285	145	-0.0715
36	-0.0295	86	0.1675	147	0.1305
37	-0.0315	87	0.1525	151	-0.0155
38	-0.0325	88	0.0985	152	-0.1215
39	-0.0355	89	-0.1385	153	-0.2685
40	-0.0365	90	0.2965	154	-0.3355
41	-0.0585	91	0.1775	155	0.2465
42	-0.2325	92	0.0845	156	0.1315
43	0.0385	93	0.0455	157	0.0315
44	0.0135	94	0.0185	158	0.3305
45	0.0325	95	-0.1985	159	0.2525
46	0.0375	96	-0.2715	160	0.2405
47	0.0385	97	-0.2475	161	0.1775
48	0.0265	98	-0.1295	162	0.1625
49	0.0145	99	-0.1395	163	0.1305
50	0.0065	100	-0.0675	164	0.0005
51	0.0035	101	-0.2255	165	-0.0195

ORF	CP	ORF	CP	ORF	CP
166	0.1945	217	0.1145	268	-0.1655
167	0.1365	218	0.1185	269	0.0925
168	0.1165	219	0.1195	270	0.1525
169	0.0135	220	0.1175	271	-0.2225
170	0.0075	221	0.0555	272	-0.2235
171	0.1155	222	-0.0325	273	0.0495
172	-0.0095	223	-0.3555	274	0.0565
173	0.0415	224	-0.3475	275	0.2465
174	-0.0125	225	-0.2465	276	0.1735
175	-0.1055	226	-0.4205	277	0.1165
176	-0.2445	227	-0.6615	278	-0.5205
177	-0.1595	228	-0.6505	279	-0.5055
178	-0.1825	229	-0.6325	280	-0.4475
179	-0.0845	230	-0.6365	281	-0.3275
180	-0.3065	231	-0.5315	282	-0.1845
181	0.2085	232	-0.4165	283	-0.0465
182	0.4695	233	-0.2985	284	-0.0465
183	0.7045	234	-0.2045	285	0.1205
184	1.0685	235	-0.2435	286	-0.2205
185	1.2295	236	-0.2145	287	-0.2485
186	1.3875	237	-0.2935	288	-0.0405
187	1.4785	238	-0.2505	289	0.0645
188	1.5035	239	0.2335	290	0.1185
189	1.5025	240	0.1675	291	0.0915
190	-0.2795	241	-0.5865	292	0.0825
191	-0.2985	242	-0.5425	325	0.1085
192	-0.2675	244	-0.4275	326	0.1165
193	-0.2685	245	-0.2135	327	0.1155
194	-0.2695	246	-0.1955	328	0.1135
195	-0.2975	247	-0.1745	329	0.1185
196	-0.2805	248	-0.0985	330	0.1215
197	-0.2705	249	-0.1615	331	0.1165
198	-0.2755	250	-0.1165	332	0.1155
199	-0.2795	251	-0.1025	333	0.1125
200	-0.2935	252	-0.0675	334	0.1165
201	-0.2845	253	0.2225	335	0.1195
202	-0.2765	254	0.1395	336	0.1115
203	-0.2785	255	-0.5825	337	0.1095
204	-0.2835	256	-0.5485	338	0.1165
205	0.1975	257	-0.5185	339	0.1145
206	0.1995	258	-0.4215	340	0.1135
207	0.2445	259	-0.1695	341	0.1185
208	0.2375	260	-0.0805	350	0.1125
210	0.3775	261	-0.0935	351	0.1195
211	0.6215	262	-0.0445	352	0.1165
212	0.7165	263	-0.2225	353	0.1125
213	0.1215	264	-0.1225	354	0.1205
214	0.1115	265	0.0375	355	0.1175
215	0.1195	266	0.1185		
216	0.1135	267	-0.2025		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1852
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 312.
CONFIGURATION NO. = 15.
ANGLE OF MODEL ROLL(DEG) = 900.0
MACH NUMBER = 1.353
TUNNEL DYNAMIC PRESSURE(PSF) = 829.
TUNNEL STAGNATION PRESSURE(PSF) = 1927.
TUNNEL STATIC PRESSURE(PSF) = 646.
REYNOLDS NUMBER PER FOOT = 3.9900E 06
MODEL ANGLE OF ATTACK(DEG) = -4.01
FIN ANGLE(DEG) = -0.
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 560.

SCANIVALUE	CP(REF)
147	0.3197
247	0.3187
347	0.3197
447	0.3197
547	0.3177
647	0.3177
747	0.3187

ORF	CP	ORF	CP	ORF	CP
1	0.1617	52	0.0437	102	-0.1413
2	-0.1003	53	-0.0363	103	-0.4703
3	-0.3463	54	-0.1683	104	0.1087
4	-0.2863	55	0.0837	105	-0.3783
5	-0.1503	56	0.0287	110	-0.1113
6	-0.0583	57	0.0107	111	-0.1043
7	-0.0143	58	0.0357	112	-0.0973
8	-0.0093	59	0.0847	113	-0.1083
9	-0.0113	60	0.0667	114	0.1217
10	-0.0093	61	0.0627	115	0.1147
11	-0.0023	62	0.0577	116	0.1127
12	0.0097	63	0.0547	117	0.1107
13	0.0197	64	-0.1423	118	0.1177
14	-0.0443	65	-0.1443	119	0.1237
15	-0.0893	66	0.1157	120	-0.1343
16	-0.0173	67	0.0707	121	0.1017
17	-0.1503	68	0.0907	122	0.1057
18	-0.2253	69	0.0787	123	0.1097
19	-0.1183	70	0.0857	124	-0.0683
20	-0.0383	71	0.0877	125	-0.0773
21	0.0017	72	0.0787	126	-0.0423
22	-0.0023	73	0.0687	127	-0.0583
23	0.0027	74	-0.1383	128	-0.0553
24	-0.0003	75	0.1597	129	-0.1563
25	0.0077	76	0.1117	135	-0.0553
26	0.0157	77	0.0987	136	-0.0553
27	0.0197	78	0.1067	137	-0.0553
28	-0.0283	79	0.1117	138	0.0067
29	-0.1373	80	0.1057	139	0.0057
30	-0.0233	81	0.0737	140	0.0017
32	-0.1393	82	-0.1473	141	0.1307
33	-0.1013	83	0.1697	142	0.1287
34	0.0027	84	0.1287	143	0.1277
35	0.0197	85	0.1197	145	-0.0553
36	0.0237	86	0.1127	147	0.1297
37	0.0227	87	0.0717	151	0.0257
38	0.0227	88	0.0327	152	-0.0623
39	0.0227	89	-0.1793	153	-0.1563
40	0.0287	90	0.1997	154	-0.2823
41	0.0087	91	0.0697	155	0.1237
42	-0.1803	92	0.0177	156	0.2167
43	0.0347	93	0.0207	157	0.1087
44	-0.0223	94	0.0227	158	0.3917
45	-0.0523	95	-0.1743	159	0.3027
46	-0.0103	96	-0.2913	160	0.2797
47	0.0307	97	-0.1713	161	0.2157
48	0.0507	98	-0.1133	162	0.2657
49	0.0427	99	-0.0693	163	0.2697
50	0.0387	100	-0.0953	164	0.0047
51	0.0417	101	-0.1633	165	0.1167

ORF	CP	ORF	CP	ORF	CP
166	0.3027	217	0.1117	268	-0.1273
167	0.2797	218	0.1117	269	0.1357
168	0.2577	219	0.1117	270	0.1837
169	0.1737	220	0.1157	271	-0.1583
170	0.0397	221	0.0247	272	-0.1713
171	0.2717	222	-0.0353	273	0.0517
172	0.1237	223	-0.2863	274	0.0857
173	0.0917	224	-0.2953	275	0.3557
174	0.0647	225	0.0877	276	0.3187
175	-0.0533	226	0.0307	277	0.2467
176	-0.2393	227	-0.5613	278	-0.5113
177	-0.0563	228	-0.5263	279	-0.4963
178	-0.1383	229	-0.4773	280	-0.4413
179	-0.1393	230	-0.3723	281	-0.3433
180	-0.3003	231	-0.2673	282	-0.1483
181	0.4547	232	-0.2793	283	-0.0403
182	0.6257	233	-0.1673	284	-0.0093
183	0.5447	234	-0.0753	285	0.1147
184	0.7747	235	-0.1033	286	-0.1593
185	0.8527	236	-0.1243	287	-0.1843
186	0.9587	237	-0.2053	288	-0.0133
187	1.1377	238	-0.1923	289	0.1287
188	1.2697	239	-0.2577	290	0.1487
189	1.3617	240	0.1957	291	-0.0883
190	-0.2953	241	-0.5473	292	0.1097
191	-0.3033	242	-0.4933	325	0.1137
192	-0.2953	244	-0.2083	326	0.1137
193	-0.2973	245	-0.1403	327	0.1097
194	-0.2973	246	-0.1163	328	0.1127
195	-0.2993	247	-0.0753	329	0.1127
196	-0.3013	248	-0.0113	330	0.1167
197	-0.2953	249	-0.0933	331	0.1127
198	-0.2973	250	-0.0663	332	0.1087
199	-0.2973	251	-0.0553	333	0.1127
200	-0.3013	252	-0.0153	334	0.1117
201	-0.2973	253	0.2827	335	0.1157
202	-0.2913	254	0.2097	336	0.1117
203	-0.2953	255	-0.5803	337	0.1147
204	-0.2973	256	-0.5423	338	0.1127
205	0.1857	257	-0.5163	339	0.1117
206	0.1867	258	-0.4133	340	0.1127
207	0.2467	259	-0.1363	341	0.1127
208	0.2167	260	-0.0513	350	0.1227
210	0.1647	261	-0.0383	351	0.1197
211	0.5237	262	0.0347	352	0.1187
212	0.4877	263	-0.1553	353	0.1167
213	0.1127	264	-0.0803	354	0.1187
214	0.1107	265	0.0957	355	0.1197
215	0.1077	266	0.1647		
216	0.1137	267	-0.1513		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1853
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 312.
CONFIGURATION NO. = 15.
ANGLE OF MODEL ROLL(DEG) = 900.0
MACH NUMBER = 1.354
TUNNEL DYNAMIC PRESSURE(PSF) = 829.
TUNNEL STAGNATION PRESSURE(PSF) = 1928.
TUNNEL STATIC PRESSURE(PSF) = 645.
REYNOLDS NUMBER PER FOOT = 3.9880E 06
MODEL ANGLE OF ATTACK(DEG) = 0.06
FIN ANGLE(DEG) = -0.
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 560.

SCANIVALUE	CP(REF)
147	0.3200
247	0.3190
347	0.3200
447	0.3200
547	0.3210
647	0.3210
747	0.3210

ORF	CP	ORF	CP	ORF	CP
1	0.3140	52	0.0980	102	-0.0920
2	-0.0130	53	0.0040	103	-0.4450
3	-0.3300	54	-0.0960	104	0.0880
4	-0.2930	55	0.0480	105	-0.3290
5	-0.2590	56	-0.0110	110	-0.0850
6	-0.2340	57	-0.0540	111	-0.0810
7	-0.1530	58	-0.0880	112	-0.0730
8	-0.0400	59	-0.1130	113	-0.0890
9	0.0010	60	-0.0330	114	0.0980
10	0.0110	61	0.0700	115	0.0970
11	0.0380	62	0.0850	116	0.0960
12	0.0530	63	0.1000	117	0.0990
13	0.0820	64	-0.0950	118	0.0980
14	0.0290	65	-0.0930	119	0.0920
15	-0.0280	66	0.0520	120	-0.1200
16	0.0700	67	0.0160	121	0.0890
17	-0.1130	68	-0.0200	122	0.0950
18	-0.2370	69	-0.0480	123	0.0990
19	-0.2790	70	-0.0560	124	-0.0560
20	-0.2540	71	0.0250	125	-0.0640
21	-0.1750	72	0.0950	126	-0.0360
22	-0.0500	73	0.0990	127	-0.0510
23	0.0210	74	-0.1000	128	-0.0350
24	0.0410	75	0.0770	129	-0.1370
25	0.0500	76	0.0410	135	-0.0360
26	0.0660	77	0.0060	136	-0.0330
27	0.0880	78	-0.0160	137	-0.0330
28	0.0600	79	-0.0160	138	0.0200
29	-0.0630	80	0.0390	139	0.0190
30	0.0220	81	0.0530	140	0.0150
32	-0.1700	82	-0.1190	141	0.1440
33	-0.2260	83	0.0990	142	0.1410
34	-0.2250	84	0.0600	143	0.1360
35	-0.1450	85	0.0290	145	-0.0360
36	-0.0000	86	0.0080	147	0.1410
37	0.0530	87	0.0020	151	0.0990
38	0.0610	88	0.0560	152	-0.0230
39	0.0770	89	-0.1270	153	-0.0970
40	0.0960	90	0.1070	154	-0.2460
41	0.0820	91	0.0200	155	0.0790
42	-0.1000	92	-0.0050	156	0.3030
43	0.0140	93	-0.0250	157	0.1640
44	-0.0510	94	-0.0000	158	0.4640
45	-0.1090	95	-0.1510	159	0.3760
46	-0.1450	96	-0.3070	160	0.3850
47	-0.1680	97	-0.1020	161	0.3140
48	-0.0690	98	-0.0500	162	0.4400
49	0.0480	99	0.0130	163	0.4910
50	0.0690	100	-0.0080	164	0.0220
51	0.0680	101	-0.1170	165	0.2800

ORF	CP	ORF	CP	ORF	CP
166	0.5190	217	0.0940	268	-0.0870
167	0.3910	218	0.0930	269	0.1810
168	0.4140	219	0.0930	270	0.2420
169	0.3390	220	0.0950	271	-0.1090
170	0.0830	221	0.0210	272	-0.1310
171	0.3690	222	-0.0670	273	0.0640
172	0.1960	223	-0.2620	274	0.1390
173	0.1140	224	-0.2720	275	0.3970
174	0.0740	225	0.2710	276	0.4400
175	-0.0730	226	0.2170	277	0.3690
176	-0.2580	227	-0.3650	278	-0.4700
177	-0.0100	228	-0.3640	279	-0.4360
178	-0.0740	229	-0.1690	280	-0.3820
179	-0.0840	230	-0.0810	281	-0.3230
180	-0.2960	231	-0.0520	282	-0.2590
181	0.5120	232	-0.0390	283	-0.2010
182	0.6320	233	-0.0230	284	0.0090
183	0.5010	234	0.0390	285	0.0950
184	0.8510	235	-0.0510	286	-0.1050
185	0.9260	236	-0.0690	287	-0.1360
186	0.9520	237	-0.1580	288	-0.0070
187	0.9800	238	-0.1400	289	0.1550
188	1.0520	239	0.2930	290	0.2010
189	1.1330	240	0.2370	291	-0.3280
190	-0.2880	241	-0.5270	292	0.0910
191	-0.2960	242	-0.4630	325	0.0890
192	-0.2900	244	-0.1570	326	0.0910
193	-0.2900	245	-0.0730	327	0.0940
194	-0.2920	246	-0.0730	328	0.0920
195	-0.2890	247	-0.0270	329	0.0880
196	-0.2950	248	0.0680	330	0.0940
197	-0.2910	249	-0.0520	331	0.0900
198	-0.2940	250	-0.0450	332	0.0920
199	-0.2940	251	-0.0110	333	0.0910
200	-0.2920	252	0.0460	334	0.0890
201	-0.2900	253	0.3370	335	0.0920
202	-0.2870	254	0.2610	336	0.0950
203	-0.2910	255	-0.5620	337	0.0890
204	-0.2910	256	-0.5180	338	0.0920
205	0.2100	257	-0.4910	339	0.0960
206	0.1990	258	-0.3950	340	0.0930
207	0.2750	259	-0.1930	341	0.0880
208	0.2390	260	-0.0650	350	0.0980
210	0.1960	261	-0.0190	351	0.0930
211	0.2950	262	0.0990	352	0.0920
212	0.3110	263	-0.1180	353	0.0900
213	0.0910	264	-0.0640	354	0.0950
214	0.0880	265	0.1380	355	0.0960
215	0.0920	266	0.2180		
216	0.0920	267	-0.0980		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1854
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 312.
CONFIGURATION NO. = 15.
ANGLE OF MODEL ROLL(DEG) = 900.0
MACH NUMBER = 1.350
TUNNEL DYNAMIC PRESSURE(PSF) = 828.
TUNNEL STAGNATION PRESSURE(PSF) = 1927.
TUNNEL STATIC PRESSURE(PSF) = 649.
REYNOLDS NUMBER PER FOOT = 3.9900E 06
MODEL ANGLE OF ATTACK(DEG) = 4.00
FIN ANGLE(DEG) = -0.
FREE-STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 560.

SCANVALUE	CP(REF)
147	0.3162
247	0.3152
347	0.3162
447	0.3162
547	0.3142
647	0.3142
747	0.2832

ORF	CP	ORF	CP	ORF	CP
1	0.3802	52	0.0052	102	-0.0588
2	0.0172	53	-0.0748	103	-0.4268
3	-0.2218	54	-0.1548	104	0.0872
4	-0.1508	55	0.0592	105	-0.3328
5	-0.1478	56	-0.0048	110	-0.1058
6	-0.1558	57	-0.0418	111	-0.1038
7	-0.1568	58	-0.0728	112	-0.0938
8	-0.1378	59	-0.0958	113	-0.1018
9	-0.1308	60	-0.1068	114	0.0972
10	-0.0978	61	-0.1148	115	0.0972
11	-0.0558	62	-0.0998	116	0.0972
12	-0.0178	63	-0.0478	117	0.0962
13	0.0172	64	-0.1758	118	0.0962
14	-0.0118	65	-0.1678	119	0.0962
15	-0.0578	66	0.0472	120	-0.1338
16	0.1142	67	0.0072	121	0.0822
17	-0.0638	68	-0.0248	122	0.0982
18	-0.1448	69	-0.0528	123	0.0942
19	-0.1468	70	-0.0718	124	-0.0608
20	-0.1508	71	-0.0858	125	-0.0718
21	-0.1508	72	-0.0968	126	-0.0418
22	-0.1488	73	-0.0918	127	-0.0568
23	-0.1368	74	-0.2158	128	-0.0548
24	-0.1048	75	0.0772	129	-0.1438
25	-0.0548	76	0.0192	135	-0.0558
26	-0.0128	77	-0.0128	136	-0.0578
27	0.0212	78	-0.0328	137	-0.0548
28	-0.0078	79	-0.0538	138	0.0122
29	-0.0748	80	-0.0668	139	0.0102
30	0.0562	81	-0.0878	140	0.0112
32	-0.1088	82	-0.2528	141	0.1322
33	-0.1328	83	0.0502	142	0.1272
34	-0.1398	84	0.0242	143	0.1162
35	-0.1408	85	0.0002	145	-0.0588
36	-0.1388	86	-0.0208	147	0.1242
37	-0.1198	87	-0.0358	151	0.2402
38	-0.0838	88	-0.0548	152	0.1052
39	-0.0258	89	-0.2358	153	-0.0138
40	0.0122	90	0.0762	154	-0.1598
41	0.0052	91	0.0442	155	0.1862
42	-0.1118	92	0.0102	156	0.3602
43	0.0442	93	-0.0128	157	0.2212
44	-0.0228	94	-0.0268	158	0.4172
45	-0.0708	95	-0.2138	159	0.4402
46	-0.0998	96	-0.2058	160	0.4122
47	-0.1198	97	-0.0558	161	0.3022
48	-0.1258	98	0.0682	162	0.3962
49	-0.1288	99	0.1732	163	0.4012
50	-0.1158	100	0.0842	164	0.0102
51	-0.0568	101	-0.0848	165	0.2402

ORF	CP	ORF	CP	ORF	CP
166	0.5502	217	0.0942	268	-0.0838
167	0.4702	218	0.0952	269	0.2082
168	0.4782	219	0.0942	270	0.2652
169	0.3922	220	0.0902	271	-0.0718
170	0.1992	221	0.0582	272	-0.0938
171	0.4362	222	-0.0758	273	0.1522
172	0.2602	223	-0.2898	274	0.2362
173	0.1892	224	-0.2968	275	0.4732
174	0.1462	225	0.5102	276	0.5142
175	-0.0078	226	0.4052	277	0.4222
176	-0.2018	227	-0.4438	278	-0.4668
177	0.1112	228	-0.3298	279	-0.4228
178	0.0162	229	-0.1748	280	-0.3228
179	0.0022	230	-0.0248	281	-0.1868
180	-0.3098	231	-0.0128	282	-0.1428
181	0.3222	232	-0.0048	283	-0.1538
182	0.4382	233	-0.0288	284	-0.1088
183	0.3352	234	0.0862	285	0.0962
184	0.6992	235	-0.0298	286	-0.0778
185	0.8302	236	-0.0448	287	-0.1028
186	0.8772	237	-0.1468	288	0.0682
187	0.9392	238	-0.1308	289	0.2272
188	1.0312	239	0.4642	290	0.2532
189	1.0872	240	0.4252	291	-0.4888
190	-0.2998	241	-0.4958	292	0.0392
191	-0.3088	242	-0.4038	325	0.0952
192	-0.2998	244	-0.1898	326	0.0952
193	-0.2998	245	-0.0958	327	0.0992
194	-0.3018	246	-0.1028	328	0.0992
195	-0.2968	247	-0.0318	329	0.0962
196	-0.3088	248	0.1102	330	0.0882
197	-0.3018	249	-0.0728	331	0.0942
198	-0.3038	250	-0.0418	332	0.0972
199	-0.3098	251	0.0142	333	0.0992
200	-0.3018	252	0.1252	334	0.0952
201	-0.2978	253	0.5772	335	0.0872
202	-0.2938	254	0.5032	336	0.0952
203	-0.2958	255	-0.5098	337	0.0972
204	-0.2968	256	-0.4618	338	0.0952
205	0.2302	257	-0.4248	339	0.1002
206	0.2122	258	-0.3638	340	0.0992
207	0.2982	259	-0.2708	341	0.0962
208	0.2682	260	-0.1488	350	0.0932
210	0.2062	261	-0.0608	351	0.0932
211	0.6372	262	0.0582	352	0.0932
212	0.8062	263	-0.0918	353	0.0932
213	0.0972	264	-0.0618	354	0.0962
214	0.0942	265	0.1872	355	0.0952
215	0.0932	266	0.2582		
216	0.0942	267	-0.0698		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1855
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 312.
CONFIGURATION NO. = 15.
ANGLE OF MODEL ROLL(DEG) = 900.0
MACH NUMBER = 1.345
TUNNEL DYNAMIC PRESSURE(PSF) = 828.
TUNNEL STAGNATION PRESSURE(PSF) = 1926.
TUNNEL STATIC PRESSURE(PSF) = 653.
REYNOLDS NUMBER PER FOOT = 3.9890E 06
MODEL ANGLE OF ATTACK(DEG) = 7.96
FIN ANGLE(DEG) = -0.
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 560.

SCANIVALUE	CP(REF)
147	0.3124
247	0.3104
347	0.3124
447	0.3124
547	0.3114
647	0.3114
747	0.3124

ORF	CP	ORF	CP	ORF	CP
1	0.4174	52	-0.0736	102	-0.0816
2	0.0514	53	-0.1136	103	-0.4476
3	-0.2756	54	-0.1486	104	0.0574
4	-0.2216	55	0.0154	105	-0.3656
5	-0.1756	56	-0.0296	110	-0.1496
6	-0.1506	57	-0.0646	111	-0.1426
7	-0.1296	58	-0.1006	112	-0.1366
8	-0.1086	59	-0.1226	113	-0.1306
9	-0.1126	60	-0.1216	114	0.0674
10	-0.1016	61	-0.1026	115	0.0674
11	-0.0816	62	-0.0946	116	0.0664
12	-0.0426	63	-0.0896	117	0.0714
13	0.0124	64	-0.2406	118	0.0654
14	-0.0096	65	-0.2406	119	0.0674
15	-0.0556	66	-0.1066	120	-0.1576
16	0.1344	67	-0.0186	121	0.0544
17	-0.0686	68	-0.0536	122	0.0684
18	-0.1986	69	-0.0806	123	0.0664
19	-0.2026	70	-0.1026	124	-0.0686
20	-0.1556	71	-0.1076	125	-0.0896
21	-0.1296	72	-0.1036	126	-0.0586
22	-0.1096	73	-0.0956	127	-0.0726
23	-0.1036	74	-0.2626	128	-0.0866
24	-0.0996	75	-0.2526	129	-0.1626
25	-0.0886	76	-0.0086	135	-0.0786
26	-0.0556	77	-0.0346	136	-0.0806
27	0.0004	78	-0.0586	137	-0.0806
28	0.0004	79	-0.0796	138	0.0034
29	-0.0716	80	-0.0976	139	0.0084
30	0.0574	81	-0.1076	140	0.0104
32	-0.1436	82	-0.2336	141	0.1144
33	-0.1776	83	-0.2916	142	0.1014
34	-0.1576	84	-0.0356	143	0.1364
35	-0.1196	85	-0.0266	145	-0.0816
36	-0.1026	86	-0.0496	147	0.0954
37	-0.0976	87	-0.0206	151	0.2184
38	-0.0936	88	-0.0336	152	0.1254
39	-0.0796	89	-0.2246	153	-0.0326
40	-0.0356	90	-0.3716	154	-0.2086
41	-0.0026	91	-0.0586	155	0.3974
42	-0.0976	92	0.0504	156	0.2984
43	0.0334	93	0.0174	157	0.1754
44	-0.0396	94	-0.0146	158	0.4304
45	-0.0966	95	-0.2286	159	0.4654
46	-0.1326	96	-0.1476	160	0.4424
47	-0.1376	97	0.0534	161	0.3394
48	-0.1156	98	0.1854	162	0.6104
49	-0.1006	99	0.4354	163	0.5084
50	-0.0936	100	0.1384	164	0.0084
51	-0.0936	101	-0.1126	165	0.3134

ORF	CP	ORF	CP	ORF	CP
166	0.6554	217	0.0674	268	-0.0596
167	0.5884	218	0.0654	269	0.2344
168	0.5604	219	0.0654	270	0.2604
169	0.4674	220	0.0664	271	-0.1046
170	0.2514	221	0.0704	272	-0.0876
171	0.5644	222	-0.0876	273	0.2484
172	0.3364	223	-0.3596	274	0.2704
173	0.2594	224	-0.3546	275	0.5284
174	0.2324	225	0.6034	276	0.5664
175	0.0714	226	0.5534	277	0.4744
176	-0.1686	227	-0.2486	278	-0.4426
177	0.0684	228	-0.0396	279	-0.3946
178	0.0474	229	0.0694	280	-0.3166
179	0.1504	230	0.1174	281	-0.2426
180	-0.3146	231	0.0584	282	-0.1836
181	0.2004	232	0.0304	283	-0.1466
182	0.3294	233	-0.0126	284	-0.1066
183	0.2474	234	0.0784	285	0.0674
184	0.5114	235	-0.0276	286	-0.1036
185	0.6234	236	-0.0406	287	-0.0996
186	0.6824	237	-0.1236	288	0.1944
187	0.7144	238	-0.1096	289	0.3964
188	0.7534	239	0.6584	290	0.2654
189	0.7434	240	0.6474	291	-0.6356
190	-0.2976	241	-0.4596	292	-0.0586
191	-0.3016	242	-0.3746	325	0.0654
192	-0.2996	244	-0.2866	326	0.0654
193	-0.2996	245	-0.2056	327	0.0664
194	-0.3036	246	-0.0726	328	0.0654
195	-0.2946	247	-0.0036	329	0.0654
196	-0.3156	248	0.0754	330	0.0664
197	-0.3056	249	-0.0476	331	0.0634
198	-0.3136	250	-0.0536	332	0.0644
199	-0.3196	251	0.0634	333	0.0634
200	-0.2956	252	0.1584	334	0.0644
201	-0.2946	253	0.5734	335	0.0664
202	-0.2986	254	0.4714	336	0.0664
203	-0.2996	255	-0.5266	337	0.0664
204	-0.2976	256	-0.4596	338	0.0674
205	0.2454	257	-0.4016	339	0.0664
206	0.2434	258	-0.2746	340	0.0654
207	0.3274	259	-0.1916	341	0.0664
208	0.3024	260	-0.1536	350	0.0714
210	0.3694	261	-0.0796	351	0.0684
211	0.7554	262	0.0714	352	0.0714
212	0.9154	263	-0.0796	353	0.0714
213	0.0614	264	-0.0446	354	0.0684
214	0.0674	265	0.2434	355	0.0674
215	0.0684	266	0.2584		
216	0.0654	267	-0.0786		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1856
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 312.
CONFIGURATION NO. = 15.
ANGLE OF MODEL ROLL(DEG) = 900.0
MACH NUMBER = 1.348
TUNNEL DYNAMIC PRESSURE(PSF) = 831.
TUNNEL STAGNATION PRESSURE(PSF) = 1932.
TUNNEL STATIC PRESSURE(PSF) = 653.
REYNOLDS NUMBER PER FOOT = 4.0010E 06
MODEL ANGLE OF ATTACK(DEG) = 11.94
FIN ANGLE(DEG) = -0.
FREE-STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 560.

SCANIVALUE	CP(REF)
147	0.3102
247	0.3092
347	0.3102
447	0.3102
547	0.3102
647	0.3102
747	0.3112

ORF	CP	ORF	CP	ORF	CP
1	0.5052	52	0.0012	102	-0.0208
2	0.0902	53	-0.0738	103	-0.4598
3	-0.2308	54	-0.1298	104	0.0502
4	-0.2228	55	-0.1478	105	-0.3958
5	-0.2238	56	-0.0308	110	-0.2108
6	-0.2198	57	-0.0628	111	-0.2098
7	-0.2058	58	-0.0958	112	-0.2078
8	-0.1788	59	-0.1258	113	-0.1898
9	-0.1698	60	-0.1498	114	0.0692
10	-0.1188	61	-0.1648	115	0.0722
11	-0.0508	62	-0.1678	116	0.0702
12	-0.0038	63	-0.1118	117	0.0752
13	0.0412	64	-0.1958	118	0.0762
14	0.0212	65	-0.1878	119	0.0722
15	-0.0048	66	-0.3848	120	-0.1898
16	0.1792	67	-0.0748	121	0.0492
17	-0.0288	68	-0.0438	122	0.0682
18	-0.1668	69	-0.0758	123	0.0672
19	-0.2068	70	-0.1028	124	-0.1088
20	-0.2138	71	-0.1238	125	-0.1318
21	-0.2078	72	-0.1458	126	-0.1038
22	-0.1958	73	-0.1588	127	-0.1168
23	-0.1808	74	-0.3138	128	-0.1088
24	-0.1498	75	-0.4868	129	-0.1958
25	-0.0518	76	-0.3308	135	-0.1058
26	0.0042	77	-0.1138	136	-0.1098
27	0.0452	78	-0.0748	137	-0.1088
28	0.0282	79	-0.0908	138	0.0092
29	-0.0198	80	-0.1158	139	0.0082
30	0.0722	81	-0.1368	140	0.0082
32	-0.1238	82	-0.2588	141	0.1232
33	-0.1798	83	-0.5218	142	0.0812
34	-0.2008	84	-0.3758	143	0.1382
35	-0.2058	85	-0.2918	145	-0.1118
36	-0.1878	86	-0.1238	147	0.0822
37	-0.1728	87	-0.0288	151	0.2702
38	-0.1158	88	-0.0348	152	0.1642
39	-0.0138	89	-0.2238	153	0.0302
40	0.0342	90	-0.5418	154	-0.1968
41	0.0262	91	-0.3658	155	0.3602
42	-0.0638	92	-0.2878	156	0.4692
43	-0.0278	93	-0.2088	157	0.2592
44	-0.0408	94	-0.1278	158	0.5912
45	-0.0928	95	-0.3338	159	0.5692
46	-0.1298	96	-0.1338	160	0.5132
47	-0.1538	97	0.0722	161	0.3862
48	-0.1728	98	0.5212	162	0.6352
49	-0.1768	99	0.5442	163	0.4992
50	-0.1698	100	0.1662	164	0.0092
51	-0.0818	101	-0.0518	165	0.3302

ORF	CP	ORF	CP	ORF	CP
166	0.8342	217	0.0632	268	-0.0588
167	0.5802	218	0.0652	269	0.3272
168	0.5842	219	0.0672	270	0.3842
169	0.5002	220	0.0692	271	-0.0418
170	0.2472	221	-0.0728	272	-0.0448
171	0.6122	222	-0.1648	273	0.2782
172	0.3882	223	-0.4128	274	0.3172
173	0.3212	224	-0.3928	275	0.5432
174	0.2552	225	0.9882	276	0.6832
175	0.1022	226	0.9492	277	0.5672
176	-0.1128	227	-0.3688	278	-0.4288
177	0.1372	228	-0.2548	279	-0.3688
178	-0.0168	229	-0.1058	280	-0.2758
179	0.0082	230	0.0382	281	-0.2168
180	-0.3318	231	0.0942	282	-0.2228
181	0.1572	232	0.0802	283	-0.2178
182	0.2342	233	0.0332	284	-0.1348
183	0.1612	234	0.0142	285	0.0652
184	0.3882	235	-0.0548	286	-0.0458
185	0.5122	236	0.0142	287	-0.0478
186	0.6152	237	-0.0628	288	0.1752
187	0.6432	238	-0.0468	289	0.4122
188	0.6652	239	0.6062	290	0.3472
189	0.6792	240	0.5442	291	-0.6768
190	-0.3058	241	-0.4558	292	-0.1668
191	-0.3018	242	-0.3178	325	0.0702
192	-0.3058	244	-0.0518	326	0.0722
193	-0.3048	245	-0.0768	327	0.0732
194	-0.3118	246	-0.0588	328	0.0762
195	-0.2908	247	0.0032	329	0.0722
196	-0.3478	248	0.1162	330	0.0692
197	-0.3118	249	-0.0058	331	0.0712
198	-0.3188	250	-0.0058	332	0.0722
199	-0.3328	251	0.0852	333	0.0732
200	-0.3028	252	0.1822	334	0.0692
201	-0.2988	253	0.6642	335	0.0672
202	-0.3068	254	0.5912	336	0.0702
203	-0.3078	255	-0.4988	337	0.0702
204	-0.3068	256	-0.4438	338	0.0722
205	0.2772	257	-0.4088	339	0.0732
206	0.2802	258	-0.3558	340	0.0772
207	0.3532	259	-0.2878	341	0.0722
208	0.3112	260	-0.1568	350	0.0692
210	0.4482	261	-0.0568	351	0.0692
211	0.8492	262	0.0692	352	0.0752
212	1.0152	263	-0.0508	353	0.0742
213	0.0702	264	-0.0248	354	0.0722
214	0.0692	265	0.2782	355	0.0702
215	0.0692	266	0.3662		
216	0.0662	267	-0.0268		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1857

TUNNEL = 11

TEST NO. = 086

TEST PHASE = 2

RUN NUMBER = 312.

CONFIGURATION NO. = 15.

ANGLE OF MODEL ROLL(DEG) = 900.0

MACH NUMBER = 1.350

TUNNEL DYNAMIC PRESSURE(PSF) = 829.

TUNNEL STAGNATION PRESSURE(PSF) = 1929.

TUNNEL STATIC PRESSURE(PSF) = 650.

REYNOLDS NUMBER PER FOOT = 4.0020E 06

MODEL ANGLE OF ATTACK(DEG) = 0.11

FIN ANGLE(DEG) = -0.

FREE*STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 559.

SCANIVALUE	CP(REF)
147	0.3149
247	0.3139
347	0.3149
447	0.3159
547	0.3139
647	0.3129
747	0.3129

ORF	CP	ORF	CP	ORF	CP
1	0.3089	52	0.0989	102	-0.0901
2	-0.0131	53	-0.0001	103	-0.4461
3	-0.3371	54	-0.0991	104	0.0689
4	-0.3041	55	0.0389	105	-0.3191
5	-0.2691	56	-0.0171	110	-0.1111
6	-0.2331	57	-0.0561	111	-0.1081
7	-0.1601	58	-0.0941	112	-0.0981
8	-0.0461	59	-0.1151	113	-0.1151
9	-0.0021	60	-0.0321	114	0.0779
10	0.0149	61	0.0579	115	0.0769
11	0.0299	62	0.0959	116	0.0739
12	0.0569	63	0.0759	117	0.0729
13	0.0759	64	-0.0941	118	0.0789
14	0.0269	65	-0.0921	119	0.0749
15	-0.0321	66	0.0449	120	-0.1491
16	0.0609	67	0.0109	121	0.0659
17	-0.1121	68	-0.0241	122	0.0809
18	-0.2361	69	-0.0501	123	0.0769
19	-0.2781	70	-0.0701	124	-0.0801
20	-0.2531	71	0.0219	125	-0.0921
21	-0.2051	72	0.0539	126	-0.0571
22	-0.0581	73	0.0959	127	-0.0761
23	0.0199	74	-0.1071	128	-0.0561
24	0.0369	75	0.0719	129	-0.1611
25	0.0499	76	0.0349	135	-0.0561
26	0.0609	77	0.0029	136	-0.0561
27	0.0909	78	-0.0171	137	-0.0551
28	0.0489	79	-0.0161	138	-0.0001
29	-0.0681	80	0.0869	139	-0.0021
30	0.0159	81	0.0729	140	-0.0051
32	-0.1751	82	-0.1221	141	0.1279
33	-0.2301	83	0.0899	142	0.1259
34	-0.2401	84	0.0509	143	0.1219
35	-0.1551	85	0.0219	145	-0.0571
36	0.0009	86	-0.0001	147	0.1279
37	0.0469	87	0.0049	151	0.1029
38	0.0639	88	0.0469	152	-0.0231
39	0.0709	89	-0.1341	153	-0.1071
40	0.0909	90	0.1069	154	-0.2541
41	0.0829	91	0.0239	155	0.0799
42	-0.1001	92	-0.0091	156	0.2949
43	0.0069	93	-0.0221	157	0.1629
44	-0.0541	94	0.0039	158	0.4709
45	-0.1151	95	-0.1561	159	0.3739
46	-0.1531	96	-0.3091	160	0.3809
47	-0.1741	97	-0.1111	161	0.3129
48	-0.0791	98	-0.0521	162	0.4419
49	0.0439	99	0.0149	163	0.4899
50	0.0579	100	-0.0041	164	-0.0021
51	0.0819	101	-0.1191	165	0.2809

ORF	CP	ORF	CP	ORF	CP
166	0.5079	217	0.0959	268	-0.0921
167	0.3919	218	0.0939	269	0.1799
168	0.4119	219	0.0909	270	0.2359
169	0.3299	220	0.0899	271	-0.1121
170	0.0819	221	-0.0091	272	-0.1321
171	0.3669	222	-0.0741	273	0.0629
172	0.1919	223	-0.2671	274	0.1239
173	0.1109	224	-0.2771	275	0.3889
174	0.0509	225	0.2889	276	0.4359
175	-0.0801	226	0.2119	277	0.3579
176	-0.2621	227	-0.3651	278	-0.4771
177	-0.0121	228	-0.2731	279	-0.4461
178	-0.0781	229	-0.1731	280	-0.3911
179	-0.0901	230	-0.0671	281	-0.3291
180	-0.3021	231	-0.0481	282	-0.2651
181	0.5159	232	-0.0441	283	-0.2101
182	0.6339	233	-0.0251	284	0.0009
183	0.4969	234	0.0369	285	0.0889
184	0.8329	235	-0.0511	286	-0.1121
185	0.9139	236	-0.0711	287	-0.1411
186	0.9509	237	-0.1621	288	-0.0081
187	0.9769	238	-0.1461	289	0.1419
188	1.0339	239	0.2869	290	0.1979
189	1.1439	240	0.2299	291	-0.3431
190	-0.2931	241	-0.5321	292	0.0839
191	-0.2991	242	-0.4701	325	0.0859
192	-0.2941	244	-0.1661	326	0.0889
193	-0.2941	245	-0.0811	327	0.0899
194	-0.2961	246	-0.0681	328	0.0909
195	-0.2941	247	-0.0371	329	0.0919
196	-0.3011	248	0.0629	330	0.0899
197	-0.2951	249	-0.0561	331	0.0879
198	-0.2971	250	-0.0571	332	0.0879
199	-0.2981	251	-0.0181	333	0.0899
200	-0.2961	252	0.0369	334	0.0889
201	-0.2941	253	0.3389	335	0.0889
202	-0.2901	254	0.2589	336	0.0889
203	-0.2931	255	-0.5681	337	0.0859
204	-0.2941	256	-0.5241	338	0.0899
205	0.2059	257	-0.4941	339	0.0909
206	0.1899	258	-0.4021	340	0.0909
207	0.2539	259	-0.2051	341	0.0939
208	0.2399	260	-0.0691	350	0.0749
210	0.1839	261	-0.0231	351	0.0759
211	0.2929	262	0.0989	352	0.0759
212	0.3259	263	-0.1231	353	0.0769
213	0.0909	264	-0.0641	354	0.0699
214	0.0879	265	0.1359	355	0.0739
215	0.0909	266	0.2089		
216	0.0939	267	-0.1031		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1858
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 313.
CONFIGURATION NO. = 15.
ANGLE OF MODEL ROLL(DEG) = 900.0
MACH NUMBER = 1.194
TUNNEL DYNAMIC PRESSURE(PSF) = 797.
TUNNEL STAGNATION PRESSURE(PSF) = 1922.
TUNNEL STATIC PRESSURE(PSF) = 799.
REYNOLDS NUMBER PER FOOT = 4.0010E 06
MODEL ANGLE OF ATTACK(DEG) = -12.08
FIN ANGLE(DEG) = -0.
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 561.

SCANIVALUE	CP(REF)
147	0.1405
247	0.1395
347	0.1405
447	0.1395
547	0.1385
647	0.1375
747	0.1385

ORF	CP	ORF	CP	ORF	CP
1	-0.1095	52	-0.1605	102	-0.3255
2	-0.2315	53	-0.2795	103	-0.6545
3	-0.1845	54	-0.3545	104	0.0955
4	-0.1495	55	0.0905	105	-0.5745
5	-0.1245	56	0.0485	110	-0.2425
6	-0.1235	57	0.0225	111	-0.2405
7	-0.1255	58	-0.0035	112	-0.2045
8	-0.1305	59	-0.0205	113	-0.1825
9	-0.1445	60	-0.0295	114	0.1065
10	-0.1465	61	-0.0475	115	0.1055
11	-0.1505	62	-0.0635	116	0.1085
12	-0.1515	63	-0.0815	117	0.1075
13	-0.1715	64	-0.3285	118	0.1065
14	-0.2555	65	-0.3435	119	0.1075
15	-0.3045	66	0.2035	120	-0.2075
16	-0.2195	67	0.1425	121	0.0965
17	-0.1975	68	0.1095	122	0.1075
18	-0.1625	69	0.0865	123	0.1035
19	-0.1515	70	0.0605	124	-0.0955
20	-0.1445	71	0.0485	125	-0.1115
21	-0.1375	72	0.0315	126	-0.0705
22	-0.1395	73	-0.0125	127	-0.0935
23	-0.1405	74	-0.2865	128	-0.0885
24	-0.1435	75	0.2675	129	-0.2225
25	-0.1535	76	0.2065	135	-0.0845
26	-0.1585	77	0.1795	136	-0.0815
27	-0.1815	78	0.1525	137	-0.0855
28	-0.2585	79	0.1115	138	0.0435
29	-0.3195	80	0.0685	139	0.0305
30	-0.1545	81	0.0015	140	0.0355
32	-0.1305	82	-0.2615	141	0.2105
33	-0.1295	83	0.3055	142	0.1965
34	-0.1315	84	0.2315	143	0.2165
35	-0.1315	85	0.1815	145	-0.0855
36	-0.1325	86	0.1245	147	0.1935
37	-0.1325	87	0.0565	151	-0.0935
38	-0.1425	88	-0.0165	152	-0.2275
39	-0.1535	89	-0.2865	153	-0.2665
40	-0.1795	90	0.2975	154	-0.3075
41	-0.2465	91	0.1085	155	-0.0705
42	-0.3275	92	0.0125	156	-0.0395
43	-0.0435	93	-0.0465	157	-0.1375
44	-0.0565	94	-0.0865	158	0.0975
45	-0.0635	95	-0.3425	159	0.0335
46	-0.0765	96	-0.2925	160	-0.0095
47	-0.0835	97	-0.4075	161	-0.0765
48	-0.0925	98	-0.2245	162	0.0385
49	-0.1015	99	-0.4785	163	-0.0055
50	-0.1115	100	-0.4805	164	0.0315
51	-0.1305	101	-0.3395	165	-0.1585

ORF	CP	ORF	CP	ORF	CP
166	0.0735	217	0.1085	268	-0.2875
167	-0.0115	218	0.1065	269	-0.0645
168	-0.0595	219	0.1065	270	-0.0165
169	-0.1385	220	0.1085	271	-0.3375
170	-0.1235	221	0.0005	272	-0.3385
171	-0.0855	222	-0.0525	273	-0.0915
172	-0.1875	223	-0.5115	274	-0.0545
173	-0.0235	224	-0.4835	275	0.0145
174	-0.1445	225	-0.5215	276	0.0775
175	-0.2135	226	-0.7495	277	0.0015
176	-0.2855	227	-0.7955	278	-0.4465
177	-0.2465	228	-0.7935	279	-0.3915
178	-0.2935	229	-0.7905	280	-0.3125
179	-0.2575	230	-0.7595	281	-0.1935
180	-0.3285	231	-0.6115	282	-0.1345
181	0.5335	232	-0.4925	283	-0.1325
182	0.7685	233	-0.4285	284	-0.1485
183	0.8165	234	-0.3435	285	0.1085
184	1.0895	235	-0.3895	286	-0.3445
185	1.1545	236	-0.3615	287	-0.3715
186	1.2245	237	-0.3755	288	-0.1295
187	1.3365	238	-0.3305	289	-0.0525
188	1.3775	239	-0.0615	290	-0.0245
189	1.3865	240	-0.1285	291	-0.4415
190	-0.3095	241	-0.7895	292	0.0575
191	-0.3335	242	-0.7535	325	0.1075
192	-0.2855	244	-0.6975	326	0.1055
193	-0.2885	245	-0.5325	327	0.1085
194	-0.2835	246	-0.4435	328	0.1075
195	-0.3385	247	-0.3145	329	0.1085
196	-0.2945	248	-0.2415	330	0.1105
197	-0.2795	249	-0.2755	331	0.1055
198	-0.2865	250	-0.2645	332	0.1075
199	-0.2965	251	-0.2405	333	0.1085
200	-0.3355	252	-0.1865	334	0.1095
201	-0.3205	253	0.1305	335	0.1105
202	-0.2855	254	0.0435	336	0.1075
203	-0.2965	255	-0.7075	337	0.1075
204	-0.3165	256	-0.6325	338	0.1055
205	0.0625	257	-0.5425	339	0.1075
206	0.0645	258	-0.3695	340	0.1065
207	0.1205	259	-0.2085	341	0.1085
208	0.1485	260	-0.1845	350	0.1105
210	0.4825	261	-0.2015	351	0.1055
211	0.7095	262	-0.1645	352	0.1045
212	0.7815	263	-0.3645	353	0.1065
213	0.1075	264	-0.2505	354	0.1075
214	0.1045	265	-0.0565	355	0.1075
215	0.1015	266	-0.0195		
216	0.1085	267	-0.3515		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1859

TUNNEL = 11

TEST NO. = 086

TEST PHASE = 2

RUN NUMBER = 313.

CONFIGURATION NO. = 15.

ANGLE OF MODEL ROLL(DEG) = 900.0

MACH NUMBER = 1.195

TUNNEL DYNAMIC PRESSURE(PSF) = 798.

TUNNEL STAGNATION PRESSURE(PSF) = 1923.

TUNNEL STATIC PRESSURE(PSF) = 798.

REYNOLDS NUMBER PER FOOT = 4.0050E 06

MODEL ANGLE OF ATTACK(DEG) = -8.10

FIN ANGLE(DEG) = -0.

FREE^oSTREAM TOTAL TEMPERATURE(DEG. RANKINE) = 560.

SCANIVALUE	CP(REF)
147	0.1430
247	0.1420
347	0.1420
447	0.1420
547	0.1430
647	0.1420
747	0.1410

ORF	CP	ORF	CP	ORF	CP
1	-0.0300	52	-0.0220	102	-0.2840
2	-0.1970	53	-0.1460	103	-0.6710
3	-0.1680	54	-0.3010	104	0.1140
4	-0.0930	55	0.2170	105	-0.5770
5	-0.0490	56	0.1720	110	-0.1800
6	-0.0330	57	0.1450	111	-0.1850
7	-0.0330	58	0.1200	112	-0.1720
8	-0.0250	59	0.0940	113	-0.1630
9	-0.0340	60	0.0800	114	0.1200
10	-0.0370	61	0.0600	115	0.1210
11	-0.0440	62	0.0450	116	0.1220
12	-0.0510	63	0.0350	117	0.1210
13	-0.0750	64	-0.2360	118	0.1210
14	-0.1640	65	-0.2530	119	0.1220
15	-0.2180	66	0.2490	120	-0.1580
16	-0.0840	67	0.1930	121	0.1130
17	-0.0710	68	0.1610	122	0.1240
18	-0.0430	69	0.1380	123	0.1240
19	-0.0330	70	0.1210	124	-0.0660
20	-0.0260	71	0.1100	125	-0.0860
21	-0.0230	72	0.1000	126	-0.0370
22	-0.0230	73	0.0580	127	-0.0580
23	-0.0290	74	-0.2350	128	-0.0480
24	-0.0340	75	0.2760	129	-0.1850
25	-0.0410	76	0.2210	135	-0.0470
26	-0.0540	77	0.2020	136	-0.0450
27	-0.0790	78	0.1810	137	-0.0510
28	-0.1580	79	0.1450	138	0.0400
29	-0.2670	80	0.1000	139	0.0500
30	0.0260	81	0.0260	140	0.0520
32	0.0230	82	-0.2420	141	0.2120
33	0.0160	83	0.2910	142	0.2030
34	0.0130	84	0.2360	143	0.2160
35	0.0010	85	0.1860	145	-0.0530
36	-0.0010	86	0.1250	147	0.2030
37	-0.0090	87	0.0520	151	-0.1070
38	-0.0220	88	-0.0050	152	-0.2050
39	-0.0340	89	-0.2790	153	-0.3280
40	-0.0550	90	0.2820	154	-0.3660
41	-0.1120	91	0.0910	155	0.1350
42	-0.3230	92	-0.0030	156	0.0330
43	0.1420	93	-0.0420	157	-0.0840
44	0.1130	94	-0.0840	158	0.2950
45	0.0890	95	-0.3430	159	0.1720
46	0.0730	96	-0.3950	160	0.1460
47	0.0570	97	-0.3430	161	0.0840
48	0.0450	98	-0.2580	162	0.1730
49	0.0270	99	-0.2890	163	0.1080
50	0.0190	100	-0.1650	164	0.0520
51	0.0020	101	-0.3010	165	-0.0800

ORF	CP	ORF	CP	ORF	CP
166	0.1740	217	0.1230	268	-0.2220
167	0.1040	218	0.1240	269	0.0490
168	0.0600	219	0.1250	270	0.1160
169	-0.0560	220	0.1250	271	-0.2980
170	-0.0490	221	0.0530	272	-0.2980
171	0.0700	222	-0.0580	273	0.0370
172	-0.0910	223	-0.4040	274	0.0690
173	0.0030	224	-0.3990	275	0.1230
174	-0.0750	225	-0.3780	276	0.1690
175	-0.1890	226	-0.5950	277	0.0990
176	-0.3360	227	-0.7740	278	-0.4510
177	-0.2510	228	-0.7660	279	-0.3970
178	-0.3330	229	-0.7300	280	-0.3360
179	-0.2570	230	-0.6930	281	-0.1930
180	-0.3280	231	-0.5150	282	-0.0690
181	0.4030	232	-0.4420	283	-0.0250
182	0.6330	233	-0.3070	284	-0.0310
183	0.6840	234	-0.1950	285	0.1250
184	0.9870	235	-0.2520	286	-0.3010
185	1.0550	236	-0.2440	287	-0.3170
186	1.1830	237	-0.3170	288	-0.0340
187	1.2760	238	-0.2950	289	0.0600
188	1.3260	239	0.1760	290	0.0640
189	1.3570	240	0.0750	291	-0.3820
190	-0.3130	241	-0.6380	292	0.0900
191	-0.3270	242	-0.5740	325	0.1250
192	-0.3010	244	-0.3990	326	0.1260
193	-0.3000	245	-0.2270	327	0.1240
194	-0.2970	246	-0.1950	328	0.1270
195	-0.3260	247	-0.1610	329	0.1290
196	-0.3090	248	-0.1120	330	0.1270
197	-0.2950	249	-0.1750	331	0.1250
198	-0.3020	250	-0.1860	332	0.1240
199	-0.3010	251	-0.1820	333	0.1270
200	-0.3200	252	-0.1430	334	0.1280
201	-0.3140	253	0.2020	335	0.1270
202	-0.3020	254	0.1060	336	0.1260
203	-0.3030	255	-0.5240	337	0.1260
204	-0.3130	256	-0.4520	338	0.1260
205	0.1620	257	-0.3670	339	0.1260
206	0.1620	258	-0.2180	340	0.1270
207	0.2210	259	-0.1100	341	0.1290
208	0.1990	260	-0.0730	350	0.1210
210	0.4470	261	-0.0740	351	0.1220
211	0.5070	262	-0.0650	352	0.1220
212	0.5910	263	-0.2400	353	0.1230
213	0.1250	264	-0.1890	354	0.1240
214	0.1250	265	0.0130	355	0.1230
215	0.1250	266	0.0810		
216	0.1240	267	-0.2480		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1860
 TUNNEL = 11
 TEST NO. = 086
 TEST PHASE = 2
 RUN NUMBER = 313.
 CONFIGURATION NO. = 15.
 ANGLE OF MODEL ROLL(DEG) = 900.0
 MACH NUMBER = 1.201
 TUNNEL DYNAMIC PRESSURE(PSF) = 800.
 TUNNEL STAGNATION PRESSURE(PSF) = 1924.
 TUNNEL STATIC PRESSURE(PSF) = 792.
 REYNOLDS NUMBER PER FOOT = 4.0110E 06
 MODEL ANGLE OF ATTACK(DEG) = -4.02
 FIN ANGLE(DEG) = -0.
 FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 560.

SCANIVALUE	CP(REF)
147	0.1490
247	0.1480
347	0.1490
447	0.1490
547	0.1500
647	0.1500
747	0.1500

ORF	CP	ORF	CP	ORF	CP
1	0.1350	52	0.0240	102	-0.2200
2	-0.1520	53	-0.1140	103	-0.6250
3	-0.2040	54	-0.2630	104	0.0990
4	-0.0900	55	0.1650	105	-0.5100
5	-0.0310	56	0.1360	110	-0.1510
6	-0.0060	57	0.1180	111	-0.1500
7	0.0060	58	0.1050	112	-0.1210
8	0.0170	59	0.0950	113	-0.1340
9	0.0120	60	0.0890	114	0.1170
10	0.0170	61	0.0760	115	0.1170
11	0.0120	62	0.0640	116	0.1160
12	0.0100	63	0.0530	117	0.1170
13	-0.0120	64	-0.2130	118	0.1180
14	-0.1010	65	-0.2260	119	0.1180
15	-0.1660	66	0.1890	120	-0.1600
16	-0.0400	67	0.1580	121	0.1080
17	-0.0750	68	0.1360	122	0.1180
18	-0.0250	69	0.1170	123	0.1150
19	0.0030	70	0.1070	124	-0.0530
20	0.0130	71	0.1020	125	-0.0610
21	0.0190	72	0.1010	126	-0.0170
22	0.0220	73	0.0820	127	-0.0440
23	0.0200	74	-0.2160	128	-0.0400
24	0.0160	75	0.2250	129	-0.1880
25	0.0160	76	0.1920	135	-0.0390
26	0.0120	77	0.1640	136	-0.0340
27	-0.0070	78	0.1540	137	-0.0370
28	-0.0980	79	0.1350	138	0.0470
29	-0.2110	80	0.1080	139	0.0510
30	0.0200	81	0.0290	140	0.0570
32	0.0380	82	-0.2410	141	0.2210
33	0.0410	83	0.2380	142	0.2120
34	0.0440	84	0.1940	143	0.2180
35	0.0410	85	0.1610	145	-0.0420
36	0.0380	86	0.1030	147	0.2140
37	0.0340	87	0.0430	151	-0.0260
38	0.0290	88	-0.0080	152	-0.1620
39	0.0230	89	-0.2700	153	-0.2710
40	0.0070	90	0.2340	154	-0.3900
41	-0.0600	91	0.0520	155	0.0450
42	-0.2580	92	-0.0160	156	0.1270
43	0.1140	93	-0.0420	157	-0.0210
44	0.1040	94	-0.0450	158	0.3280
45	0.0900	95	-0.3010	159	0.2200
46	0.0840	96	-0.3790	160	0.1840
47	0.0770	97	-0.2800	161	0.1010
48	0.0690	98	-0.1970	162	0.2580
49	0.0540	99	-0.1620	163	0.2000
50	0.0530	100	-0.0720	164	0.0440
51	0.0410	101	-0.2370	165	0.0020

ORF	CP	ORF	CP	ORF	CP
166	0.2790	217	0.1180	268	-0.1870
167	0.2080	218	0.1170	269	0.0930
168	0.1680	219	0.1180	270	0.1490
169	0.0570	220	0.1180	271	-0.2290
170	-0.0060	221	-0.0090	272	-0.2510
171	0.1870	222	-0.0990	273	0.0560
172	-0.0050	223	-0.3470	274	0.1110
173	0.0300	224	-0.3500	275	0.2490
174	-0.0240	225	0.0370	276	0.3090
175	-0.1620	226	-0.0520	277	0.2090
176	-0.3660	227	-0.7000	278	-0.5110
177	-0.1570	228	-0.6320	279	-0.4640
178	-0.2530	229	-0.5470	280	-0.3740
179	-0.2500	230	-0.4990	281	-0.2240
180	-0.3290	231	-0.3850	282	-0.0450
181	0.3820	232	-0.3330	283	0.0030
182	0.5650	233	-0.1670	284	0.0190
183	0.5120	234	-0.0700	285	0.1190
184	0.7110	235	-0.1360	286	-0.2350
185	0.8090	236	-0.1760	287	-0.2680
186	0.8970	237	-0.2850	288	-0.0010
187	0.9940	238	-0.2710	289	0.1200
188	1.1380	239	0.2690	290	0.1090
189	1.2120	240	0.1900	291	-0.4390
190	-0.3350	241	-0.5330	292	0.1280
191	-0.3400	242	-0.4860	325	0.1150
192	-0.3330	244	-0.2180	326	0.1150
193	-0.3310	245	-0.1040	327	0.1140
194	-0.3310	246	-0.0840	328	0.1170
195	-0.3390	247	-0.0670	329	0.1160
196	-0.3330	248	-0.0360	330	0.1170
197	-0.3310	249	-0.1220	331	0.1150
198	-0.3320	250	-0.1450	332	0.1130
199	-0.3320	251	-0.1370	333	0.1150
200	-0.3390	252	-0.0820	334	0.1150
201	-0.3350	253	0.2890	335	0.1170
202	-0.3290	254	0.1980	336	0.1140
203	-0.3300	255	-0.6260	337	0.1140
204	-0.3320	256	-0.5460	338	0.1150
205	0.2210	257	-0.4290	339	0.1140
206	0.2180	258	-0.2400	340	0.1170
207	0.2640	259	-0.0730	341	0.1160
208	0.2390	260	-0.0300	350	0.1180
210	0.2270	261	-0.0110	351	0.1180
211	0.4730	262	0.0130	352	0.1190
212	0.5590	263	-0.1800	353	0.1190
213	0.1180	264	-0.1520	354	0.1170
214	0.1160	265	0.0620	355	0.1160
215	0.1150	266	0.1280		
216	0.1160	267	-0.1890		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1861
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 313.
CONFIGURATION NO. = 15.
ANGLE OF MODEL ROLL(DEG) = 900.0
MACH NUMBER = 1.194
TUNNEL DYNAMIC PRESSURE(PSF) = 798.
TUNNEL STAGNATION PRESSURE(PSF) = 1923.
TUNNEL STATIC PRESSURE(PSF) = 799.
REYNOLDS NUMBER PER FOOT = 4.0030E 06
MODEL ANGLE OF ATTACK(DEG) = 0.10
FIN ANGLE(DEG) = -0.
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 561.

SCANIVALUE	CP(REF)
147	0.1427
247	0.1417
347	0.1427
447	0.1417
547	0.1407
647	0.1407
747	0.1407

ORF	CP	ORF	CP	ORF	CP
1	0.2737	52	0.0917	102	-0.1603
2	-0.1083	53	-0.0713	103	-0.5883
3	-0.4283	54	-0.2193	104	0.0747
4	-0.3543	55	-0.0273	105	-0.4403
5	-0.2693	56	-0.0753	110	-0.1273
6	-0.1003	57	0.0147	111	-0.1313
7	-0.0223	58	0.0907	112	-0.1033
8	0.0227	59	0.1107	113	-0.1143
9	0.0307	60	0.1167	114	0.0947
10	0.0547	61	0.1277	115	0.0957
11	0.0647	62	0.1277	116	0.0957
12	0.0807	63	0.1007	117	0.0947
13	0.0757	64	-0.1903	118	0.0947
14	-0.0243	65	-0.1993	119	0.0937
15	-0.1053	66	-0.0053	120	-0.1453
16	-0.0063	67	-0.0103	121	0.0877
17	-0.2043	68	0.1157	122	0.0947
18	-0.3243	69	0.1297	123	0.0947
19	-0.2973	70	0.1327	124	-0.0533
20	-0.1313	71	0.1507	125	-0.0703
21	0.0247	72	0.1447	126	-0.0233
22	0.0457	73	0.0917	127	-0.0503
23	0.0557	74	-0.2113	128	-0.0203
24	0.0677	75	0.1067	129	-0.1643
25	0.0747	76	0.1527	135	-0.0233
26	0.0887	77	0.1517	136	-0.0223
27	0.0767	78	0.1567	137	-0.0203
28	-0.0083	79	0.1677	138	0.0607
29	-0.1523	80	0.1177	139	0.0617
30	-0.0653	81	0.0237	140	0.0727
32	-0.2503	82	-0.2303	141	0.2147
33	-0.1953	83	0.1667	142	0.2087
34	0.0097	84	0.1687	143	0.2097
35	0.0587	85	0.1777	145	-0.0203
36	0.0717	86	0.1357	147	0.2067
37	0.0787	87	0.1057	151	0.0507
38	0.0877	88	0.0417	152	-0.1273
39	0.1007	89	-0.2303	153	-0.2183
40	0.0857	90	0.1767	154	-0.4003
41	0.0177	91	0.1347	155	0.0417
42	-0.2073	92	0.1107	156	0.2017
43	-0.0603	93	0.0867	157	0.0327
44	-0.1303	94	0.0477	158	0.4697
45	-0.1493	95	-0.2303	159	0.3267
46	0.0077	96	-0.4193	160	0.2827
47	0.0757	97	-0.2193	161	0.1887
48	0.0857	98	0.0617	162	0.4477
49	0.0957	99	0.1467	163	0.4147
50	0.1127	100	0.0347	164	0.0417
51	0.1117	101	-0.1893	165	0.1297

ORF	CP	ORF	CP	ORF	CP
166	0.4867	217	0.0937	268	-0.1543
167	0.3357	218	0.0937	269	0.1687
168	0.3177	219	0.0947	270	0.2237
169	0.2057	220	0.0957	271	-0.1783
170	0.0737	221	-0.0433	272	-0.2113
171	0.2487	222	-0.1343	273	0.1127
172	0.0457	223	-0.3193	274	0.2047
173	0.0577	224	-0.3283	275	0.3517
174	-0.0393	225	0.3257	276	0.4347
175	-0.2033	226	0.2607	277	0.3357
176	-0.4063	227	-0.6513	278	-0.6373
177	-0.1173	228	-0.5733	279	-0.5953
178	-0.2293	229	-0.4653	280	-0.5053
179	-0.2493	230	-0.2523	281	-0.4013
180	-0.3423	231	-0.0583	282	-0.2773
181	0.4247	232	-0.0093	283	-0.0783
182	0.5697	233	0.0197	284	0.0437
183	0.5147	234	0.0557	285	0.0947
184	0.7897	235	-0.0973	286	-0.1863
185	0.8597	236	-0.1343	287	-0.2243
186	0.8807	237	-0.2323	288	0.0667
187	0.9427	238	-0.2103	289	0.1997
188	1.0047	239	0.3137	290	0.1807
189	1.0587	240	0.2427	291	-0.4163
190	-0.3363	241	-0.6953	292	0.0917
191	-0.3403	242	-0.6073	325	0.0957
192	-0.3353	244	-0.2483	326	0.0947
193	-0.3333	245	-0.1353	327	0.0957
194	-0.3333	246	-0.0633	328	0.0957
195	-0.3283	247	0.0217	329	0.0967
196	-0.3393	248	0.0707	330	0.0967
197	-0.3333	249	-0.0803	331	0.0947
198	-0.3393	250	-0.1163	332	0.0937
199	-0.3383	251	-0.0813	333	0.0947
200	-0.3373	252	-0.0113	334	0.0967
201	-0.3353	253	0.3507	335	0.0957
202	-0.3333	254	0.2597	336	0.0947
203	-0.3363	255	-0.7403	337	0.0957
204	-0.3343	256	-0.6763	338	0.0947
205	0.2387	257	-0.6273	339	0.0957
206	0.2407	258	-0.4773	340	0.0957
207	0.2887	259	-0.1353	341	0.0957
208	0.2567	260	-0.0493	350	0.0937
210	0.1967	261	0.0287	351	0.0947
211	0.3007	262	0.1037	352	0.0937
212	0.3497	263	-0.1383	353	0.0937
213	0.0937	264	-0.1223	354	0.0937
214	0.0937	265	0.1217	355	0.0927
215	0.0947	266	0.2027		
216	0.0937	267	-0.1523		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1862
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 313.
CONFIGURATION NO. = 15.
ANGLE OF MODEL ROLL(DEG) = 900.0
MACH NUMBER = 1.194
TUNNEL DYNAMIC PRESSURE(PSF) = 798.
TUNNEL STAGNATION PRESSURE(PSF) = 1924.
TUNNEL STATIC PRESSURE(PSF) = 799.
REYNOLDS NUMBER PER FOOT = 4.0050E 06
MODEL ANGLE OF ATTACK(DEG) = 4.00
FIN ANGLE(DEG) = -0.
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 561.

SCANIVALUE	CP(REF)
147	0.1417
247	0.1417
347	0.1427
447	0.1437
547	0.1437
647	0.1417
747	0.1407

ORF	CP	ORF	CP	ORF	CP
1	0.3077	52	0.1057	102	-0.1513
2	-0.0953	53	-0.0583	103	-0.5873
3	-0.3803	54	-0.1723	104	0.0607
4	-0.2753	55	-0.0343	105	-0.4603
5	-0.2343	56	-0.0983	110	-0.1483
6	-0.2193	57	-0.1293	111	-0.1483
7	-0.1923	58	-0.1383	112	-0.1193
8	-0.1363	59	-0.1193	113	-0.1203
9	-0.0893	60	-0.0273	114	0.0887
10	-0.0303	61	0.0947	115	0.0887
11	0.0167	62	0.1137	116	0.0867
12	0.0567	63	0.1047	117	0.0857
13	0.0717	64	-0.1703	118	0.0857
14	-0.0163	65	-0.1763	119	0.0867
15	-0.0953	66	-0.0243	120	-0.1523
16	0.0107	67	-0.0713	121	0.0717
17	-0.1833	68	-0.0993	122	0.0897
18	-0.2713	69	-0.1193	123	0.0887
19	-0.2393	70	-0.0733	124	-0.0483
20	-0.2123	71	0.0797	125	-0.0743
21	-0.1813	72	0.1177	126	-0.0273
22	-0.1463	73	0.0817	127	-0.0523
23	-0.0853	74	-0.1893	128	-0.0223
24	-0.0233	75	-0.0543	129	-0.1563
25	0.0297	76	-0.0633	135	-0.0253
26	0.0647	77	-0.0893	136	-0.0263
27	0.0777	78	-0.0703	137	-0.0223
28	-0.0033	79	0.0697	138	0.0567
29	-0.1223	80	0.1237	139	0.0427
30	-0.0533	81	0.0447	140	0.0497
32	-0.2173	82	-0.1713	141	0.2027
33	-0.2123	83	-0.1313	142	0.1947
34	-0.1863	84	-0.0823	143	0.1927
35	-0.1673	85	-0.0783	145	-0.0263
36	-0.1033	86	0.0297	147	0.1957
37	-0.0143	87	0.1267	151	0.1647
38	0.0347	88	0.0787	152	-0.0333
39	0.0867	89	-0.1783	153	-0.1543
40	0.0947	90	-0.3963	154	-0.3463
41	0.0317	91	-0.0553	155	0.2077
42	-0.1483	92	0.0147	156	0.2517
43	-0.0593	93	0.1077	157	0.0637
44	-0.1273	94	0.0827	158	0.3897
45	-0.1673	95	-0.1893	159	0.3697
46	-0.1813	96	-0.3493	160	0.3057
47	-0.1593	97	-0.1563	161	0.1837
48	-0.1253	98	0.2757	162	0.4547
49	-0.0203	99	0.2967	163	0.3907
50	0.0727	100	-0.0003	164	0.0347
51	0.0977	101	-0.1853	165	0.1537

ORF	CP	ORF	CP	ORF	CP
166	0.5657	217	0.0877	268	-0.1403
167	0.3767	218	0.0887	269	0.2137
168	0.3647	219	0.0897	270	0.2647
169	0.2607	220	0.0887	271	-0.1733
170	0.1987	221	-0.0293	272	-0.1673
171	0.3087	222	-0.1393	273	0.2367
172	0.1147	223	-0.3473	274	0.2867
173	0.1227	224	-0.3523	275	0.4907
174	0.0417	225	0.5537	276	0.4907
175	-0.1353	226	0.4087	277	0.3737
176	-0.3393	227	-0.6823	278	-0.6423
177	-0.0203	228	-0.5933	279	-0.5983
178	-0.1633	229	-0.4453	280	-0.4903
179	-0.1443	230	-0.1553	281	-0.3293
180	-0.3483	231	-0.0663	282	-0.2373
181	0.2777	232	-0.0493	283	-0.2083
182	0.3957	233	-0.0233	284	-0.0563
183	0.3317	234	0.0967	285	0.0887
184	0.6567	235	-0.0563	286	-0.1783
185	0.7517	236	-0.1123	287	-0.1713
186	0.7927	237	-0.2233	288	0.1857
187	0.8407	238	-0.1993	289	0.3027
188	0.9107	239	0.4767	290	0.2597
189	0.9517	240	0.4137	291	-0.5523
190	-0.3343	241	-0.6793	292	0.0087
191	-0.3353	242	-0.5763	325	0.0887
192	-0.3373	244	-0.3213	326	0.0877
193	-0.3333	245	-0.1933	327	0.0897
194	-0.3353	246	-0.1313	328	0.0877
195	-0.3323	247	-0.0083	329	0.0847
196	-0.3443	248	0.1387	330	0.0877
197	-0.3353	249	-0.0643	331	0.0857
198	-0.3353	250	-0.0893	332	0.0877
199	-0.3403	251	-0.0363	333	0.0877
200	-0.3383	252	0.0697	334	0.0847
201	-0.3393	253	0.5267	335	0.0857
202	-0.3333	254	0.4257	336	0.0877
203	-0.3353	255	-0.7053	337	0.0897
204	-0.3393	256	-0.6393	338	0.0887
205	0.2817	257	-0.5833	339	0.0897
206	0.2867	258	-0.4863	340	0.0877
207	0.3437	259	-0.3113	341	0.0857
208	0.3127	260	-0.1723	350	0.0867
210	0.2657	261	-0.0383	351	0.0877
211	0.6267	262	0.1317	352	0.0867
212	0.7887	263	-0.1273	353	0.0887
213	0.0887	264	-0.1063	354	0.0887
214	0.0897	265	0.2017	355	0.0887
215	0.0897	266	0.2617		
216	0.0867	267	-0.1223		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1863
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 313.
CONFIGURATION NO. = 15.
ANGLE OF MODEL ROLL(DEG) = 900.0
MACH NUMBER = 1.199
TUNNEL DYNAMIC PRESSURE(PSF) = 799.
TUNNEL STAGNATION PRESSURE(PSF) = 1923.
TUNNEL STATIC PRESSURE(PSF) = 794.
REYNOLDS NUMBER PER FOOT = 4.0040E 06
MODEL ANGLE OF ATTACK(DEG) = 7.94
FIN ANGLE(DEG) = -0.
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 561.

SCANIVALUE	CP(REF)
147	0.1493
247	0.1483
347	0.1483
447	0.1483
547	0.1493
647	0.1493
747	0.1483

ORF	CP	ORF	CP	ORF	CP
1	0.3593	52	0.0753	102	-0.1107
2	-0.0587	53	-0.0767	103	-0.5787
3	-0.4137	54	-0.1687	104	0.0363
4	-0.3367	55	-0.1797	105	-0.4637
5	-0.3097	56	-0.1067	110	-0.1797
6	-0.2617	57	-0.1457	111	-0.1877
7	-0.2247	58	-0.1837	112	-0.1697
8	-0.1717	59	-0.1937	113	-0.1387
9	-0.1377	60	-0.1427	114	0.0743
10	-0.0947	61	-0.0767	115	0.0743
11	-0.0147	62	0.0283	116	0.0743
12	0.0373	63	0.0553	117	0.0763
13	0.0703	64	-0.1877	118	0.0753
14	-0.0037	65	-0.1887	119	0.0763
15	-0.0757	66	-0.3537	120	-0.1447
16	0.0283	67	-0.1197	121	0.0643
17	-0.1837	68	-0.1407	122	0.0733
18	-0.3177	69	-0.1667	123	0.0753
19	-0.3227	70	-0.1767	124	-0.0677
20	-0.2717	71	-0.1227	125	-0.0887
21	-0.2247	72	-0.0177	126	-0.0567
22	-0.1747	73	0.0003	127	-0.0697
23	-0.1417	74	-0.2137	128	-0.0437
24	-0.0827	75	-0.6057	129	-0.1527
25	-0.0117	76	-0.2387	135	-0.0407
26	0.0483	77	-0.1377	136	-0.0457
27	0.0883	78	-0.1527	137	-0.0457
28	0.0153	79	-0.1687	138	0.0353
29	-0.1027	80	-0.0957	139	0.0393
30	-0.0467	81	-0.0047	140	0.0513
32	-0.2557	82	-0.1797	141	0.1873
33	-0.2897	83	-0.6487	142	0.1833
34	-0.2487	84	-0.4547	143	0.2053
35	-0.1867	85	-0.1507	145	-0.0487
36	-0.1227	86	-0.1567	147	0.1823
37	-0.0687	87	-0.0807	151	0.1843
38	-0.0137	88	0.0073	152	-0.0027
39	0.0623	89	-0.1997	153	-0.1307
40	0.0923	90	-0.6737	154	-0.3527
41	0.0313	91	-0.4197	155	0.2943
42	-0.1367	92	-0.2317	156	0.2923
43	-0.0727	93	-0.0917	157	0.0983
44	-0.1347	94	-0.0777	158	0.4373
45	-0.1857	95	-0.3227	159	0.4343
46	-0.2137	96	-0.2617	160	0.3793
47	-0.2157	97	-0.0997	161	0.2423
48	-0.1467	98	0.4183	162	0.5163
49	-0.0927	99	0.3963	163	0.4613
50	-0.0307	100	0.0093	164	0.0333
51	0.0513	101	-0.1587	165	0.2163

ORF	CP	ORF	CP	ORF	CP
166	0.6803	217	0.0753	268	-0.1057
167	0.4803	218	0.0733	269	0.2503
168	0.4543	219	0.0773	270	0.2853
169	0.3513	220	0.0763	271	-0.1397
170	0.1803	221	-0.0247	272	-0.1387
171	0.4423	222	-0.1507	273	0.2683
172	0.2233	223	-0.4057	274	0.2893
173	0.2063	224	-0.4007	275	0.5753
174	0.1383	225	0.7403	276	0.5603
175	-0.0297	226	0.6173	277	0.4423
176	-0.2557	227	-0.6367	278	-0.6217
177	-0.0057	228	-0.5197	279	-0.5727
178	-0.1487	229	-0.3647	280	-0.4867
179	-0.0857	230	-0.0977	281	-0.3777
180	-0.3437	231	-0.0677	282	-0.2987
181	0.1433	232	-0.0567	283	-0.2417
182	0.2793	233	-0.0677	284	-0.1147
183	0.2073	234	0.1413	285	0.0743
184	0.4623	235	-0.0327	286	-0.1397
185	0.5653	236	-0.0457	287	-0.1427
186	0.6083	237	-0.1937	288	0.1643
187	0.6553	238	-0.1657	289	0.3353
188	0.6913	239	0.6163	290	0.2863
189	0.7153	240	0.5433	291	-0.7537
190	-0.3247	241	-0.6547	292	-0.0687
191	-0.3227	242	-0.5467	325	0.0753
192	-0.3257	244	-0.3317	326	0.0743
193	-0.3247	245	-0.2787	327	0.0723
194	-0.3297	246	-0.1657	328	0.0743
195	-0.3167	247	-0.0537	329	0.0713
196	-0.3597	248	0.1433	330	0.0733
197	-0.3317	249	-0.0437	331	0.0743
198	-0.3357	250	-0.0487	332	0.0723
199	-0.3527	251	0.0103	333	0.0743
200	-0.3237	252	0.0983	334	0.0713
201	-0.3227	253	0.5673	335	0.0723
202	-0.3257	254	0.4393	336	0.0743
203	-0.3257	255	-0.7037	337	0.0743
204	-0.3217	256	-0.6397	338	0.0733
205	0.3553	257	-0.5827	339	0.0733
206	0.3563	258	-0.4537	340	0.0743
207	0.4093	259	-0.3057	341	0.0713
208	0.3823	260	-0.2017	350	0.0743
210	0.4483	261	-0.0837	351	0.0733
211	0.6933	262	0.1313	352	0.0743
212	0.8883	263	-0.1017	353	0.0713
213	0.0763	264	-0.0647	354	0.0753
214	0.0753	265	0.2303	355	0.0753
215	0.0733	266	0.2973		
216	0.0733	267	-0.0997		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1864
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 313.
CONFIGURATION NO. = 15.
ANGLE OF MODEL ROLL(DEG) = 900.0
MACH NUMBER = 1.198
TUNNEL DYNAMIC PRESSURE(PSF) = 799.
TUNNEL STAGNATION PRESSURE(PSF) = 1923.
TUNNEL STATIC PRESSURE(PSF) = 796.
REYNOLDS NUMBER PER FOOT = 4.0080E 06
MODEL ANGLE OF ATTACK(DEG) = 11.95
FIN ANGLE(DEG) = -0.
FREE-STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 560.

SCANIVALUE	CP(REF)
147	0.1478
247	0.1468
347	0.1468
447	0.1468
547	0.1468
647	0.1468
747	0.1468

ORF	CP	ORF	CP	ORF	CP
1	0.4148	52	-0.0072	102	-0.0692
2	-0.0392	53	-0.1322	103	-0.5582
3	-0.3972	54	-0.1532	104	-0.0032
4	-0.3472	55	-0.5162	105	-0.4802
5	-0.3372	56	-0.3462	110	-0.2072
6	-0.3112	57	-0.2612	111	-0.2162
7	-0.2752	58	-0.2402	112	-0.2022
8	-0.2272	59	-0.2522	113	-0.1632
9	-0.1972	60	-0.2662	114	0.0448
10	-0.1232	61	-0.2582	115	0.0428
11	-0.0542	62	-0.1382	116	0.0428
12	-0.0032	63	-0.0622	117	0.0418
13	0.0478	64	-0.2592	118	0.0438
14	-0.0032	65	-0.2182	119	0.0438
15	-0.0592	66	-0.5932	120	-0.1932
16	0.0368	67	-0.3912	121	0.0388
17	-0.1622	68	-0.2952	122	0.0478
18	-0.2952	69	-0.2612	123	0.0498
19	-0.3182	70	-0.2612	124	-0.0732
20	-0.3042	71	-0.2622	125	-0.1022
21	-0.2812	72	-0.2212	126	-0.0602
22	-0.2442	73	-0.1912	127	-0.0782
23	-0.2092	74	-0.3092	128	-0.0922
24	-0.1352	75	-0.7732	129	-0.1982
25	-0.0502	76	-0.6142	135	-0.0762
26	0.0118	77	-0.5142	136	-0.0832
27	0.0438	78	-0.3012	137	-0.0832
28	0.0068	79	-0.2562	138	0.0498
29	-0.0842	80	-0.2592	139	0.0668
30	-0.0592	81	-0.2342	140	0.0668
32	-0.2302	82	-0.3572	141	0.2188
33	-0.2782	83	-0.7582	142	0.1908
34	-0.2892	84	-0.6502	143	0.2418
35	-0.2702	85	-0.5522	145	-0.0872
36	-0.2402	86	-0.4902	147	0.1848
37	-0.1882	87	-0.2472	151	0.2298
38	-0.0752	88	-0.1952	152	0.0388
39	0.0028	89	-0.3452	153	-0.0942
40	0.0278	90	-0.7472	154	-0.3322
41	-0.0062	91	-0.5922	155	0.2428
42	-0.1152	92	-0.5172	156	0.3758
43	-0.3462	93	-0.5082	157	0.1418
44	-0.1822	94	-0.6452	158	0.5258
45	-0.1912	95	-0.5932	159	0.4958
46	-0.2312	96	0.0128	160	0.4238
47	-0.2622	97	-0.0752	161	0.2788
48	-0.2722	98	0.4988	162	0.5498
49	-0.2562	99	0.4598	163	0.4528
50	-0.1662	100	0.0348	164	0.0658
51	-0.0412	101	-0.1092	165	0.2378

ORF	CP	ORF	CP	ORF	CP
166	0.7208	217	0.0508	268	-0.1062
167	0.5218	218	0.0528	269	0.2758
168	0.5028	219	0.0518	270	0.3288
169	0.4038	220	0.0498	271	-0.0952
170	0.1938	221	-0.0742	272	-0.1072
171	0.5208	222	-0.1872	273	0.2228
172	0.2958	223	-0.5122	274	0.2918
173	0.2578	224	-0.4892	275	0.6188
174	0.1828	225	0.9288	276	0.6168
175	0.0228	226	0.7568	277	0.4848
176	-0.2052	227	-0.6242	278	-0.6212
177	0.0528	228	-0.5262	279	-0.5672
178	-0.1292	229	-0.4282	280	-0.4722
179	-0.1362	230	-0.2282	281	-0.3742
180	-0.3622	231	-0.0922	282	-0.3392
181	0.1098	232	-0.0822	283	-0.3002
182	0.1938	233	-0.0792	284	-0.1502
183	0.1398	234	0.1658	285	0.0478
184	0.3298	235	-0.0102	286	-0.0962
185	0.4448	236	-0.0342	287	-0.1142
186	0.5048	237	-0.1862	288	0.0948
187	0.5498	238	-0.1572	289	0.3358
188	0.6018	239	0.6368	290	0.3218
189	0.6018	240	0.5348	291	-0.8112
190	-0.3302	241	-0.6742	292	-0.1652
191	-0.3122	242	-0.5632	325	0.0468
192	-0.3302	244	-0.2862	326	0.0468
193	-0.3292	245	-0.2352	327	0.0438
194	-0.3332	246	-0.1852	328	0.0428
195	-0.3162	247	-0.0412	329	0.0448
196	-0.3842	248	0.1478	330	0.0498
197	-0.3402	249	-0.0462	331	0.0468
198	-0.3442	250	-0.0472	332	0.0428
199	-0.3592	251	0.0288	333	0.0438
200	-0.3312	252	0.1338	334	0.0428
201	-0.3272	253	0.6438	335	0.0488
202	-0.3342	254	0.5228	336	0.0498
203	-0.3362	255	-0.6932	337	0.0468
204	-0.3332	256	-0.6402	338	0.0448
205	0.4308	257	-0.6012	339	0.0438
206	0.4328	258	-0.5202	340	0.0428
207	0.4928	259	-0.4162	341	0.0448
208	0.4658	260	-0.2622	350	0.0428
210	0.8308	261	-0.0712	351	0.0448
211	0.8008	262	0.1118	352	0.0478
212	1.0138	263	-0.1332	353	0.0448
213	0.0518	264	-0.0602	354	0.0468
214	0.0468	265	0.2418	355	0.0458
215	0.0488	266	0.3298		
216	0.0498	267	-0.0962		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1865
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 313.
CONFIGURATION NO. = 15.
ANGLE OF MODEL ROLL(DEG) = 900.0
MACH NUMBER = 1.198
TUNNEL DYNAMIC PRESSURE(PSF) = 799.
TUNNEL STAGNATION PRESSURE(PSF) = 1923.
TUNNEL STATIC PRESSURE(PSF) = 796.
REYNOLDS NUMBER PER FOOT = 4.0120E 06
MODEL ANGLE OF ATTACK(DEG) = 0.10
FIN ANGLE(DEG) = -0.
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 560.

SCANIVALUE	CP(REF)
147	0.1468
247	0.1448
347	0.1468
447	0.1468
547	0.1478
647	0.1478
747	0.1478

ORF	CP	ORF	CP	ORF	CP
1	0.2698	52	0.1028	102	-0.1612
2	-0.1062	53	-0.0662	103	-0.5812
3	-0.4282	54	-0.2142	104	0.0568
4	-0.3482	55	-0.0262	105	-0.4362
5	-0.2512	56	-0.0612	110	-0.1232
6	-0.1012	57	0.0078	111	-0.1282
7	-0.0092	58	0.0998	112	-0.1012
8	0.0238	59	0.1088	113	-0.1152
9	0.0408	60	0.1168	114	0.1008
10	0.0578	61	0.1268	115	0.0988
11	0.0728	62	0.1338	116	0.1008
12	0.0758	63	0.1018	117	0.1008
13	0.0788	64	-0.1892	118	0.1008
14	-0.0202	65	-0.1992	119	0.1008
15	-0.0992	66	0.0018	120	-0.1472
16	-0.0072	67	0.0488	121	0.0858
17	-0.2002	68	0.1218	122	0.1018
18	-0.3212	69	0.1288	123	0.1008
19	-0.2902	70	0.1378	124	-0.0442
20	-0.1002	71	0.1538	125	-0.0632
21	0.0228	72	0.1428	126	-0.0262
22	0.0478	73	0.0948	127	-0.0472
23	0.0648	74	-0.2072	128	-0.0192
24	0.0678	75	0.0968	129	-0.1562
25	0.0778	76	0.1438	135	-0.0242
26	0.0898	77	0.1378	136	-0.0192
27	0.0838	78	0.1658	137	-0.0212
28	-0.0052	79	0.1678	138	0.0598
29	-0.1492	80	0.1228	139	0.0488
30	-0.0612	81	0.0288	140	0.0678
32	-0.2462	82	-0.2262	141	0.2168
33	-0.1862	83	0.1598	142	0.2128
34	0.0088	84	0.1688	143	0.2148
35	0.0458	85	0.1818	145	-0.0242
36	0.0688	86	0.1368	147	0.2128
37	0.0798	87	0.1028	151	0.0518
38	0.0918	88	0.0438	152	-0.1232
39	0.0948	89	-0.2282	153	-0.2142
40	0.0918	90	0.1788	154	-0.3992
41	0.0208	91	0.1348	155	0.0428
42	-0.2032	92	0.1138	156	0.2078
43	-0.0572	93	0.0878	157	0.0338
44	-0.1242	94	0.0518	158	0.4688
45	-0.1492	95	-0.2252	159	0.3358
46	0.0278	96	-0.4192	160	0.2868
47	0.0878	97	-0.2152	161	0.1948
48	0.0968	98	0.0928	162	0.4388
49	0.1068	99	0.1438	163	0.4158
50	0.1098	100	0.0358	164	0.0428
51	0.1138	101	-0.1912	165	0.1378

ORF	CP	ORF	CP	ORF	CP
166	0.4958	217	0.1028	268	-0.1482
167	0.3378	218	0.1018	269	0.1758
168	0.3238	219	0.0998	270	0.2298
169	0.2048	220	0.0998	271	-0.1722
170	0.0868	221	-0.0372	272	-0.2072
171	0.2478	222	-0.1272	273	0.1128
172	0.0478	223	-0.3152	274	0.2018
173	0.0598	224	-0.3232	275	0.3588
174	-0.0432	225	0.3378	276	0.4408
175	-0.2072	226	0.2768	277	0.3388
176	-0.3992	227	-0.6492	278	-0.6322
177	-0.1082	228	-0.5752	279	-0.5882
178	-0.2272	229	-0.4532	280	-0.4992
179	-0.2492	230	-0.2582	281	-0.4022
180	-0.3352	231	-0.0612	282	-0.2672
181	0.4188	232	-0.0102	283	-0.0622
182	0.5658	233	0.0288	284	0.0498
183	0.5158	234	0.0648	285	0.1018
184	0.7908	235	-0.0882	286	-0.1822
185	0.8518	236	-0.1272	287	-0.2192
186	0.8808	237	-0.2252	288	0.0778
187	0.9548	238	-0.2072	289	0.2218
188	1.0068	239	0.3208	290	0.1908
189	1.0698	240	0.2378	291	-0.3412
190	-0.3322	241	-0.6872	292	0.0998
191	-0.3382	242	-0.5992	325	0.0988
192	-0.3352	244	-0.2362	326	0.0988
193	-0.3312	245	-0.1382	327	0.0998
194	-0.3332	246	-0.0562	328	0.0998
195	-0.3332	247	0.0228	329	0.0998
196	-0.3362	248	0.0728	330	0.0988
197	-0.3302	249	-0.0742	331	0.0978
198	-0.3312	250	-0.1122	332	0.0978
199	-0.3332	251	-0.0752	333	0.0988
200	-0.3312	252	-0.0072	334	0.0988
201	-0.3302	253	0.3618	335	0.0978
202	-0.3282	254	0.2648	336	0.0988
203	-0.3292	255	-0.7332	337	0.0988
204	-0.3332	256	-0.6712	338	0.0988
205	0.2488	257	-0.6212	339	0.1008
206	0.2618	258	-0.4722	340	0.0998
207	0.2988	259	-0.1272	341	0.0998
208	0.2708	260	-0.0422	350	0.1008
210	0.1918	261	0.0308	351	0.1008
211	0.3088	262	0.1088	352	0.1018
212	0.3548	263	-0.1332	353	0.0998
213	0.0998	264	-0.1152	354	0.0998
214	0.1008	265	0.1298	355	0.1008
215	0.0998	266	0.2098		
216	0.1008	267	-0.1412		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1866
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 314.
CONFIGURATION NO. = 15.
ANGLE OF MODEL ROLL(DEG) = 900.0
MACH NUMBER = 1.049
TUNNEL DYNAMIC PRESSURE(PSF) = 757.
TUNNEL STAGNATION PRESSURE(PSF) = 1971.
TUNNEL STATIC PRESSURE(PSF) = 983.
REYNOLDS NUMBER PER FOOT = 4.0340E 06
MODEL ANGLE OF ATTACK(DEG) = -12.11
FIN ANGLE(DEG) = -0.
FREE-STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 561.

SCANIVALUE	CP(REF)
147	-0.0925
247	-0.0925
347	-0.0915
447	-0.0915
547	-0.0905
647	-0.0905
747	-0.0905

ORF	CP	ORF	CP	ORF	CP
1	-0.1985	52	-0.2535	102	-0.4165
2	-0.3795	53	-0.4125	103	-0.7995
3	-0.3705	54	-0.4925	104	0.0535
4	-0.2865	55	0.0285	105	-0.6705
5	-0.2595	56	-0.0205	110	-0.2945
6	-0.2435	57	-0.0415	111	-0.3245
7	-0.2395	58	-0.0655	112	-0.2925
8	-0.2295	59	-0.0775	113	-0.2405
9	-0.2425	60	-0.0975	114	0.0555
10	-0.2445	61	-0.1255	115	0.0545
11	-0.2445	62	-0.1555	116	0.0555
12	-0.2445	63	-0.1925	117	0.0555
13	-0.2715	64	-0.4905	118	0.0545
14	-0.3675	65	-0.4865	119	0.0545
15	-0.4035	66	0.1205	120	-0.2375
16	-0.3245	67	0.0745	121	0.0425
17	-0.3025	68	0.0365	122	0.0515
18	-0.2795	69	-0.0025	123	0.0545
19	-0.2625	70	-0.0355	124	-0.0795
20	-0.2505	71	-0.0555	125	-0.1115
21	-0.2445	72	-0.0745	126	-0.0435
22	-0.2425	73	-0.1225	127	-0.0845
23	-0.2395	74	-0.4435	128	-0.0535
24	-0.2405	75	0.1785	129	-0.2575
25	-0.2445	76	0.1035	135	-0.0545
26	-0.2535	77	0.0685	136	-0.0445
27	-0.2795	78	0.0465	137	-0.0525
28	-0.3695	79	0.0105	138	0.1165
29	-0.4195	80	-0.0475	139	0.1175
30	-0.2545	81	-0.1555	140	0.1315
32	-0.2175	82	-0.4545	141	0.2545
33	-0.2165	83	0.1935	142	0.2165
34	-0.2135	84	0.1265	143	0.2465
35	-0.2175	85	0.0725	145	-0.0515
36	-0.2185	86	0.0005	147	0.2155
37	-0.2185	87	-0.0875	151	-0.1395
38	-0.2265	88	-0.1725	152	-0.2195
39	-0.2415	89	-0.4865	153	-0.2475
40	-0.2695	90	0.1765	154	-0.2655
41	-0.3535	91	-0.0265	155	-0.1055
42	-0.4395	92	-0.1345	156	-0.0465
43	-0.1145	93	-0.1965	157	-0.1365
44	-0.1265	94	-0.2565	158	0.0655
45	-0.1365	95	-0.5525	159	0.0265
46	-0.1455	96	-0.4535	160	-0.0185
47	-0.1525	97	-0.5635	161	-0.0815
48	-0.1595	98	-0.3395	162	-0.0205
49	-0.1695	99	-0.6585	163	-0.0495
50	-0.1795	100	-0.6545	164	0.1165
51	-0.2105	101	-0.4315	165	-0.1725

ORF	CP	ORF	CP	ORF	CP
166	-0.0245	217	0.0585	268	-0.3515
167	-0.0705	218	0.0605	269	-0.1135
168	-0.1025	219	0.0625	270	-0.0605
169	-0.1755	220	0.0605	271	-0.4255
170	-0.1545	221	-0.0695	272	-0.4315
171	-0.1335	222	-0.2375	273	-0.1475
172	-0.2065	223	-0.5775	274	-0.1165
173	-0.0785	224	-0.5005	275	0.0365
174	-0.1955	225	-0.6845	276	0.0455
175	-0.2425	226	-0.9455	277	-0.0645
176	-0.2755	227	-1.0835	278	-0.6825
177	-0.2595	228	-1.0845	279	-0.6185
178	-0.3295	229	-1.0725	280	-0.5315
179	-0.3005	230	-1.0155	281	-0.3635
180	-0.2805	231	-0.8235	282	-0.2615
181	0.4465	232	-0.6545	283	-0.2495
182	0.6555	233	-0.5565	284	-0.2475
183	0.6975	234	-0.4535	285	0.0515
184	0.9915	235	-0.4835	286	-0.4395
185	1.0665	236	-0.4235	287	-0.4645
186	1.1715	237	-0.3705	288	-0.2095
187	1.2555	238	-0.3095	289	-0.1275
188	1.2865	239	0.1685	290	-0.0755
189	1.2945	240	0.0575	291	-0.7285
190	-0.3215	241	-1.0215	292	-0.0115
191	-0.2915	242	-0.9935	325	0.0605
192	-0.2545	244	-0.9475	326	0.0615
193	-0.2605	245	-0.6155	327	0.0615
194	-0.2415	246	-0.5405	328	0.0565
195	-0.2945	247	-0.4125	329	0.0595
196	-0.2515	248	-0.3105	330	0.0585
197	-0.2405	249	-0.3465	331	0.0615
198	-0.2455	250	-0.3075	332	0.0605
199	-0.2415	251	-0.2595	333	0.0565
200	-0.2825	252	-0.2075	334	0.0605
201	-0.2805	253	0.1085	335	0.0595
202	-0.2385	254	-0.0145	336	0.0565
203	-0.2505	255	-0.9625	337	0.0615
204	-0.2735	256	-0.8925	338	0.0595
205	0.0865	257	-0.7815	339	0.0615
206	0.0925	258	-0.5405	340	0.0565
207	0.1265	259	-0.3425	341	0.0585
208	0.1505	260	-0.2885	350	0.0555
210	0.5765	261	-0.2885	351	0.0555
211	0.6665	262	-0.2465	352	0.0525
212	0.7305	263	-0.4185	353	0.0545
213	0.0595	264	-0.3075	354	0.0525
214	0.0605	265	-0.1185	355	0.0525
215	0.0605	266	-0.0685		
216	0.0575	267	-0.4135		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1867
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 314.
CONFIGURATION NO. = 15.
ANGLE OF MODEL ROLL(DEG) = 900.0
MACH NUMBER = 1.049
TUNNEL DYNAMIC PRESSURE(PSF) = 754.
TUNNEL STAGNATION PRESSURE(PSF) = 1963.
TUNNEL STATIC PRESSURE(PSF) = 978.
REYNOLDS NUMBER PER FOOT = 4.0300E 06
MODEL ANGLE OF ATTACK(DEG) = -8.13
FIN ANGLE(DEG) = -0.
FREE STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 560.

SCANIVALUE	CP(REF)
147	-0.0851
247	-0.0861
347	-0.0871
447	-0.0861
547	-0.0881
647	-0.0881
747	-0.0271

ORF	CP	ORF	CP	ORF	CP
1	-0.0891	52	-0.1521	102	-0.3921
2	-0.3001	53	-0.3161	103	-0.8511
3	-0.2831	54	-0.4721	104	0.0479
4	-0.1981	55	0.1139	105	-0.7321
5	-0.1671	56	0.0729	110	-0.2381
6	-0.1531	57	0.0499	111	-0.2551
7	-0.1451	58	0.0219	112	-0.1911
8	-0.1341	59	-0.0051	113	-0.1731
9	-0.1391	60	-0.0301	114	0.0519
10	-0.1431	61	-0.0591	115	0.0519
11	-0.1481	62	-0.0901	116	0.0519
12	-0.1551	63	-0.0991	117	0.0529
13	-0.1851	64	-0.4071	118	0.0519
14	-0.2911	65	-0.4091	119	0.0539
15	-0.3471	66	0.1549	120	-0.1931
16	-0.1721	67	0.0959	121	0.0439
17	-0.1751	68	0.0579	122	0.0519
18	-0.1551	69	0.0229	123	0.0529
19	-0.1411	70	-0.0051	124	-0.0551
20	-0.1351	71	-0.0061	125	-0.0761
21	-0.1311	72	-0.0131	126	-0.0151
22	-0.1311	73	-0.0561	127	-0.0481
23	-0.1361	74	-0.4111	128	-0.0251
24	-0.1371	75	0.1719	129	-0.2221
25	-0.1451	76	0.1089	135	-0.0181
26	-0.1571	77	0.0829	136	-0.0201
27	-0.1901	78	0.0669	137	-0.0221
28	-0.2891	79	0.0419	138	0.1089
29	-0.3961	80	-0.0181	139	0.1009
30	-0.0771	81	-0.1461	140	0.1249
32	-0.0881	82	-0.4581	141	0.2409
33	-0.0911	83	0.1839	142	0.2239
34	-0.0961	84	0.1209	143	0.2419
35	-0.1021	85	0.0749	145	-0.0191
36	-0.1061	86	0.0009	147	0.2199
37	-0.1141	87	-0.0811	151	-0.1461
38	-0.1251	88	-0.1771	152	-0.2431
39	-0.1421	89	-0.4981	153	-0.2801
40	-0.1731	90	0.1549	154	-0.3001
41	-0.2501	91	-0.0471	155	-0.0331
42	-0.4671	92	-0.1381	156	-0.0091
43	0.0449	93	-0.1981	157	-0.1271
44	0.0119	94	-0.2601	158	0.1859
45	-0.0131	95	-0.5581	159	0.1099
46	-0.0271	96	-0.5281	160	0.0779
47	-0.0421	97	-0.5281	161	-0.0031
48	-0.0571	98	-0.3381	162	0.0849
49	-0.0691	99	-0.3801	163	0.0319
50	-0.0881	100	-0.2921	164	0.1009
51	-0.1151	101	-0.4191	165	-0.1391

ORF	CP	ORF	CP	ORF	CP
166	0.0609	217	0.0529	268	-0.3291
167	0.0019	218	0.0539	269	-0.0471
168	-0.0351	219	0.0539	270	0.0119
169	-0.1341	220	0.0529	271	-0.4081
170	-0.1121	221	-0.0791	272	-0.4131
171	-0.0381	222	-0.2391	273	-0.0671
172	-0.1761	223	-0.4981	274	-0.0331
173	-0.0931	224	-0.4611	275	0.1159
174	-0.1821	225	-0.5341	276	0.1209
175	-0.2451	226	-0.7671	277	0.0239
176	-0.2871	227	-1.0961	278	-0.6071
177	-0.2841	228	-1.0801	279	-0.5421
178	-0.3921	229	-1.0531	280	-0.4521
179	-0.3741	230	-1.0361	281	-0.2611
180	-0.2661	231	-0.7971	282	-0.1641
181	0.3899	232	-0.6041	283	-0.1491
182	0.5969	233	-0.4741	284	-0.1441
183	0.5779	234	-0.3311	285	0.0539
184	0.8479	235	-0.3711	286	-0.4131
185	0.9309	236	-0.3411	287	-0.4451
186	1.0349	237	-0.3561	288	-0.1411
187	1.1379	238	-0.3131	289	-0.0431
188	1.2139	239	0.1529	290	-0.0181
189	1.2489	240	0.0289	291	-0.7371
190	-0.3121	241	-1.0181	292	-0.0041
191	-0.2831	242	-0.9641	325	0.0569
192	-0.2731	244	-0.6861	326	0.0559
193	-0.2631	245	-0.3891	327	0.0579
194	-0.2551	246	-0.3331	328	0.0549
195	-0.2941	247	-0.2881	329	0.0579
196	-0.2651	248	-0.2371	330	0.0569
197	-0.2561	249	-0.2811	331	0.0559
198	-0.2541	250	-0.2681	332	0.0579
199	-0.2631	251	-0.2321	333	0.0539
200	-0.2811	252	-0.1861	334	0.0569
201	-0.2741	253	0.1489	335	0.0559
202	-0.2541	254	0.0259	336	0.0559
203	-0.2611	255	-0.7721	337	0.0569
204	-0.2651	256	-0.6761	338	0.0549
205	0.1649	257	-0.5831	339	0.0579
206	0.1629	258	-0.3921	340	0.0559
207	0.2009	259	-0.2371	341	0.0579
208	0.1919	260	-0.1971	350	0.0529
210	0.5059	261	-0.1821	351	0.0539
211	0.5099	262	-0.1691	352	0.0509
212	0.5999	263	-0.3621	353	0.0529
213	0.0549	264	-0.2801	354	0.0519
214	0.0549	265	-0.0751	355	0.0519
215	0.0539	266	-0.0081		
216	0.0559	267	-0.3681		

SATURN 18 PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1868
 TUNNEL = 11
 TEST NO. = 086
 TEST PHASE = 2
 RUN NUMBER = 314.
 CONFIGURATION NO. = 15.
 ANGLE OF MODEL ROLL(DEG) = 900.0
 MACH NUMBER = 1.047
 TUNNEL DYNAMIC PRESSURE(PSF) = 752.
 TUNNEL STAGNATION PRESSURE(PSF) = 1961.
 TUNNEL STATIC PRESSURE(PSF) = 980.
 REYNOLDS NUMBER PER FOOT = 4.0180E 06
 MODEL ANGLE OF ATTACK(DEG) = -3.99
 FIN ANGLE(DEG) = -0.
 FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 561.

SCANIVALUE	CP(REF)
147	-0.0892
247	-0.0902
347	-0.0902
447	-0.0892
547	-0.0902
647	-0.0912
747	-0.0922

ORF	CP	ORF	CP	ORF	CP
1	0.0428	52	-0.1062	102	-0.3592
2	-0.2622	53	-0.2902	103	-0.8332
3	-0.3062	54	-0.4452	104	0.0328
4	-0.1972	55	0.0608	105	-0.6852
5	-0.1552	56	0.0228	110	-0.1692
6	-0.1302	57	0.0108	111	-0.1972
7	-0.1172	58	-0.0082	112	-0.1252
8	-0.1032	59	-0.0212	113	-0.1322
9	-0.1072	60	-0.0352	114	0.0488
10	-0.1082	61	-0.0412	115	0.0468
11	-0.1072	62	-0.0382	116	0.0478
12	-0.1082	63	-0.0832	117	0.0458
13	-0.1352	64	-0.4272	118	0.0458
14	-0.2502	65	-0.4382	119	0.0458
15	-0.3182	66	0.0898	120	-0.1692
16	-0.1462	67	0.0418	121	0.0388
17	-0.1732	68	0.0178	122	0.0438
18	-0.1372	69	0.0018	123	0.0458
19	-0.1202	70	0.0068	124	-0.0472
20	-0.1092	71	0.0208	125	-0.0652
21	-0.1032	72	-0.0182	126	-0.0102
22	-0.0992	73	-0.0872	127	-0.0352
23	-0.0972	74	-0.4462	128	-0.0142
24	-0.1012	75	0.1138	129	-0.1942
25	-0.1052	76	0.0898	135	-0.0082
26	-0.1112	77	0.0788	136	-0.0172
27	-0.1402	78	0.0618	137	-0.0132
28	-0.2452	79	0.0138	138	0.1208
29	-0.3632	80	-0.0572	139	0.1028
30	-0.0812	81	-0.1682	140	0.1248
32	-0.0752	82	-0.4792	141	0.2468
33	-0.0762	83	0.1388	142	0.2388
34	-0.0762	84	0.1008	143	0.2478
35	-0.0782	85	0.0458	145	-0.0142
36	-0.0782	86	-0.0412	147	0.2388
37	-0.0832	87	-0.1162	151	-0.1092
38	-0.0882	88	-0.1852	152	-0.2352
39	-0.0972	89	-0.4882	153	-0.2602
40	-0.1272	90	0.1118	154	-0.3082
41	-0.2102	91	-0.0812	155	-0.1002
42	-0.4142	92	-0.1412	156	0.0348
43	0.0068	93	-0.1542	157	-0.0992
44	-0.0122	94	-0.1912	158	0.2278
45	-0.0242	95	-0.4962	159	0.1248
46	-0.0342	96	-0.5212	160	0.0778
47	-0.0402	97	-0.4622	161	-0.0112
48	-0.0492	98	-0.2602	162	0.1568
49	-0.0582	99	-0.1192	163	0.1018
50	-0.0662	100	-0.1612	164	0.0998
51	-0.0842	101	-0.3852	165	-0.1022

ORF	CP	ORF	CP	ORF	CP
166	0.1678	217	0.0488	268	-0.3242
167	0.0998	218	0.0498	269	-0.0172
168	0.0578	219	0.0488	270	0.0458
169	-0.0492	220	0.0488	271	-0.3752
170	-0.1382	221	-0.1082	272	-0.3912
171	0.0678	222	-0.2462	273	-0.0562
172	-0.1122	223	-0.4202	274	0.0068
173	-0.0822	224	-0.4092	275	0.1848
174	-0.1472	225	-0.0632	276	0.2408
175	-0.2392	226	-0.1672	277	0.1198
176	-0.3152	227	-1.0702	278	-0.6582
177	-0.2572	228	-1.0012	279	-0.6112
178	-0.3732	229	-0.8962	280	-0.4882
179	-0.3762	230	-0.8912	281	-0.3032
180	-0.2742	231	-0.6292	282	-0.1612
181	0.4028	232	-0.5572	283	-0.1292
182	0.5528	233	-0.3332	284	-0.1092
183	0.4368	234	-0.1932	285	0.0448
184	0.6968	235	-0.2812	286	-0.3822
185	0.7828	236	-0.2962	287	-0.4252
186	0.8578	237	-0.3412	288	-0.1072
187	0.9668	238	-0.3132	289	0.0188
188	1.0448	239	0.2588	290	0.0088
189	1.1178	240	0.1498	291	-0.7672
190	-0.3202	241	-1.0092	292	0.0218
191	-0.2912	242	-0.9352	325	0.0508
192	-0.2872	244	-0.6222	326	0.0528
193	-0.2872	245	-0.2812	327	0.0528
194	-0.2752	246	-0.2292	328	0.0518
195	-0.2902	247	-0.1982	329	0.0528
196	-0.2782	248	-0.1582	330	0.0488
197	-0.2742	249	-0.2662	331	0.0518
198	-0.2802	250	-0.2682	332	0.0528
199	-0.2792	251	-0.2192	333	0.0528
200	-0.2842	252	-0.1642	334	0.0528
201	-0.2792	253	0.2508	335	0.0488
202	-0.2742	254	0.1228	336	0.0508
203	-0.2782	255	-0.9202	337	0.0518
204	-0.2802	256	-0.8112	338	0.0528
205	0.1998	257	-0.6502	339	0.0538
206	0.2008	258	-0.4102	340	0.0528
207	0.2278	259	-0.2152	341	0.0528
208	0.2138	260	-0.1562	350	0.0488
210	0.3148	261	-0.1312	351	0.0478
211	0.4818	262	-0.1062	352	0.0478
212	0.5738	263	-0.3372	353	0.0468
213	0.0478	264	-0.2762	354	0.0478
214	0.0478	265	-0.0522	355	0.0488
215	0.0478	266	0.0228		
216	0.0458	267	-0.3372		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1869
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 314.
CONFIGURATION NO. = 15.
ANGLE OF MODEL ROLL(DEG) = 900.0
MACH NUMBER = 1.051
TUNNEL DYNAMIC PRESSURE(PSF) = 753.
TUNNEL STAGNATION PRESSURE(PSF) = 1959.
TUNNEL STATIC PRESSURE(PSF) = 974.
REYNOLDS NUMBER PER FOOT = 4.0150E 06
MODEL ANGLE OF ATTACK(DEG) = 0.14
FIN ANGLE(DEG) = -0.
FREE STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 561.

SCANIVALUE	CP(REF)
147	-0.0815
247	-0.0825
347	-0.0815
447	-0.0815
547	-0.0805
647	-0.0805
747	-0.0805

ORF	CP	ORF	CP	ORF	CP
1	0.1555	52	-0.0425	102	-0.3105
2	-0.2765	53	-0.2405	103	-0.8005
3	-0.6445	54	-0.4165	104	0.0065
4	-0.5355	55	-0.0535	105	-0.6265
5	-0.3065	56	0.0375	110	-0.1595
6	-0.1505	57	0.0505	111	-0.1855
7	-0.0825	58	0.0485	112	-0.1105
8	-0.0485	59	0.0495	113	-0.1125
9	-0.0375	60	0.0495	114	0.0325
10	-0.0275	61	0.0305	115	0.0345
11	-0.0205	62	0.0005	116	0.0355
12	-0.0225	63	-0.0475	117	0.0345
13	-0.0375	64	-0.3955	118	0.0345
14	-0.1615	65	-0.4085	119	0.0345
15	-0.2565	66	0.0805	120	-0.1465
16	-0.1645	67	0.0825	121	0.0285
17	-0.3815	68	0.0845	122	0.0345
18	-0.5115	69	0.0765	123	0.0335
19	-0.3425	70	0.0565	124	-0.0315
20	-0.0985	71	0.0335	125	-0.0505
21	-0.0445	72	-0.0055	126	0.0005
22	-0.0305	73	-0.0775	127	-0.0275
23	-0.0215	74	-0.4265	128	0.0095
24	-0.0135	75	0.1345	129	-0.1655
25	-0.0095	76	0.1125	135	0.0045
26	-0.0125	77	0.0875	136	-0.0005
27	-0.0355	78	0.0565	137	0.0085
28	-0.1595	79	0.0085	138	0.1245
29	-0.3115	80	-0.0475	139	0.1015
30	-0.2305	81	-0.1435	140	0.1275
32	-0.3565	82	-0.4355	141	0.2515
33	-0.0955	83	0.1355	142	0.2495
34	-0.0225	84	0.0965	143	0.2485
35	-0.0065	85	0.0375	145	-0.0055
36	-0.0045	86	-0.0105	147	0.2515
37	0.0005	87	-0.0505	151	-0.0715
38	0.0025	88	-0.1185	152	-0.2475
39	-0.0065	89	-0.4425	153	-0.2685
40	-0.0315	90	0.0565	154	-0.3495
41	-0.1275	91	0.0085	155	-0.0685
42	-0.3805	92	-0.0265	156	0.0855
43	-0.2145	93	-0.0615	157	-0.0885
44	-0.2145	94	-0.1125	158	0.3915
45	-0.0255	95	-0.4435	159	0.2115
46	0.0195	96	-0.6135	160	0.1595
47	0.0195	97	-0.3895	161	0.0575
48	0.0245	98	0.0475	162	0.3425
49	0.0245	99	0.0945	163	0.2855
50	0.0225	100	-0.1325	164	0.0985
51	0.0015	101	-0.3445	165	-0.0075

ORF	CP	ORF	CP	ORF	CP
166	0.4155	217	0.0315	268	-0.2965
167	0.2345	218	0.0325	269	0.0715
168	0.1995	219	0.0345	270	0.1405
169	0.0855	220	0.0345	271	-0.3315
170	-0.0585	221	-0.1275	272	-0.3655
171	0.1605	222	-0.2515	273	0.0275
172	-0.0615	223	-0.3655	274	0.1195
173	-0.0395	224	-0.3605	275	0.3375
174	-0.1355	225	0.3095	276	0.3775
175	-0.2585	226	0.1915	277	0.2445
176	-0.3735	227	-0.9335	278	-0.8885
177	-0.2515	228	-0.8475	279	-0.8265
178	-0.3975	229	-0.7125	280	-0.7365
179	-0.4265	230	-0.4635	281	-0.6065
180	-0.2865	231	-0.2205	282	-0.3775
181	0.3765	232	-0.1415	283	-0.1225
182	0.5225	233	-0.0815	284	-0.0315
183	0.4375	234	-0.0515	285	0.0345
184	0.7415	235	-0.2235	286	-0.3315
185	0.7995	236	-0.2735	287	-0.3795
186	0.8175	237	-0.3135	288	-0.0205
187	0.8655	238	-0.2755	289	0.1205
188	0.9265	239	0.2995	290	0.0935
189	0.9675	240	0.1925	291	-0.7335
190	-0.3065	241	-0.9875	292	-0.0055
191	-0.2905	242	-0.8955	325	0.0305
192	-0.2925	244	-0.4935	326	0.0295
193	-0.2895	245	-0.2275	327	0.0295
194	-0.2825	246	-0.1465	328	0.0315
195	-0.2815	247	-0.0675	329	0.0325
196	-0.2875	248	-0.0275	330	0.0315
197	-0.2825	249	-0.2095	331	0.0295
198	-0.2825	250	-0.2565	332	0.0295
199	-0.2885	251	-0.1905	333	0.0315
200	-0.2915	252	-0.1175	334	0.0325
201	-0.2895	253	0.3105	335	0.0305
202	-0.2875	254	0.1785	336	0.0325
203	-0.2895	255	-0.9955	337	0.0305
204	-0.2905	256	-0.9275	338	0.0305
205	0.2625	257	-0.8675	339	0.0315
206	0.2635	258	-0.7005	340	0.0325
207	0.2955	259	-0.2295	341	0.0325
208	0.2785	260	-0.1115	350	0.0355
210	0.2385	261	-0.0495	351	0.0365
211	0.3515	262	0.0045	352	0.0335
212	0.3925	263	-0.2745	353	0.0355
213	0.0325	264	-0.2575	354	0.0325
214	0.0345	265	0.0245	355	0.0325
215	0.0315	266	0.1135		
216	0.0305	267	-0.2855		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1870
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 314.
CONFIGURATION NO. = 15.
ANGLE OF MODEL ROLL(DEG) = 900.0
MACH NUMBER = 1.047
TUNNEL DYNAMIC PRESSURE(PSF) = 751.
TUNNEL STAGNATION PRESSURE(PSF) = 1958.
TUNNEL STATIC PRESSURE(PSF) = 979.
REYNOLDS NUMBER PER FOOT = 4.0110E 06
MODEL ANGLE OF ATTACK(DEG) = 4.02
FIN ANGLE(DEG) = -0.
FREE-STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 561.

SCANIVALUE	CP(REF)
147	-0.0856
247	-0.0876
347	-0.0856
447	-0.0856
547	-0.0866
647	-0.0866
747	-0.0856

ORF	CP	ORF	CP	ORF	CP
1	0.2124	52	-0.0066	102	-0.2916
2	-0.2626	53	-0.2266	103	-0.7856
3	-0.6466	54	-0.3596	104	-0.0166
4	-0.5116	55	-0.2026	105	-0.6196
5	-0.4586	56	-0.2676	110	-0.1626
6	-0.4296	57	-0.2996	111	-0.1866
7	-0.3816	58	-0.2986	112	-0.1126
8	-0.2946	59	-0.0736	113	-0.1076
9	-0.2106	60	0.0434	114	0.0274
10	-0.1266	61	0.0514	115	0.0264
11	-0.0616	62	0.0224	116	0.0274
12	-0.0156	63	-0.0356	117	0.0274
13	-0.0106	64	-0.3706	118	0.0284
14	-0.1256	65	-0.3796	119	0.0294
15	-0.2276	66	-0.2086	120	-0.1496
16	-0.1496	67	-0.2386	121	0.0174
17	-0.3786	68	-0.2666	122	0.0284
18	-0.5066	69	-0.0256	123	0.0294
19	-0.4676	70	0.0454	124	-0.0226
20	-0.4176	71	0.0374	125	-0.0576
21	-0.3756	72	-0.0006	126	-0.0046
22	-0.2916	73	-0.0786	127	-0.0306
23	-0.1906	74	-0.3976	128	0.0104
24	-0.0886	75	-0.3326	129	-0.1546
25	-0.0226	76	-0.2226	135	0.0024
26	0.0074	77	-0.0416	136	-0.0056
27	-0.0046	78	0.0214	137	0.0104
28	-0.1256	79	0.0094	138	0.1304
29	-0.2666	80	-0.0216	139	0.0984
30	-0.2286	81	-0.1396	140	0.1264
32	-0.4316	82	-0.3936	141	0.2484
33	-0.4256	83	-0.4316	142	0.2434
34	-0.3896	84	-0.1126	143	0.2494
35	-0.3326	85	0.0174	145	-0.0066
36	-0.1896	86	0.0224	147	0.2454
37	-0.0626	87	-0.0146	151	0.0454
38	0.0094	88	-0.0986	152	-0.1796
39	0.0274	89	-0.4096	153	-0.2736
40	0.0064	90	-0.4466	154	-0.3286
41	-0.0976	91	-0.1746	155	-0.0186
42	-0.3036	92	-0.0166	156	0.1514
43	-0.2406	93	-0.0136	157	-0.0476
44	-0.3156	94	-0.0796	158	0.3194
45	-0.3686	95	-0.3886	159	0.2804
46	-0.3716	96	-0.6016	160	0.2034
47	-0.3236	97	-0.3506	161	0.0704
48	-0.1496	98	0.1574	162	0.3594
49	0.0114	99	0.1544	163	0.3024
50	0.0454	100	-0.1506	164	0.0984
51	0.0364	101	-0.3356	165	0.0194

ORF	CP	ORF	CP	ORF	CP
166	0.4974	217	0.0274	268	-0.2876
167	0.2574	218	0.0284	269	0.0914
168	0.2464	219	0.0274	270	0.1534
169	0.1284	220	0.0284	271	-0.3166
170	0.0014	221	-0.1136	272	-0.3346
171	0.2194	222	-0.2296	273	0.1014
172	-0.0046	223	-0.4126	274	0.1784
173	0.0084	224	-0.4086	275	0.5144
174	-0.0586	225	0.5474	276	0.4394
175	-0.1826	226	0.3614	277	0.2884
176	-0.3346	227	-0.9616	278	-0.9076
177	-0.1546	228	-0.8666	279	-0.8626
178	-0.3286	229	-0.7576	280	-0.7676
179	-0.3496	230	-0.4676	281	-0.5976
180	-0.2836	231	-0.2796	282	-0.4596
181	0.2254	232	-0.2476	283	-0.4056
182	0.3324	233	-0.1496	284	-0.1646
183	0.2514	234	0.0114	285	0.0264
184	0.5704	235	-0.1846	286	-0.3186
185	0.6744	236	-0.2586	287	-0.3406
186	0.7274	237	-0.3596	288	0.0464
187	0.7914	238	-0.2976	289	0.1774
188	0.8464	239	0.4714	290	0.1534
189	0.8814	240	0.3654	291	-0.8996
190	-0.2866	241	-0.9616	292	-0.0996
191	-0.2666	242	-0.8526	325	0.0284
192	-0.2676	244	-0.5986	326	0.0294
193	-0.2706	245	-0.4356	327	0.0274
194	-0.2696	246	-0.3356	328	0.0284
195	-0.2716	247	-0.1336	329	0.0264
196	-0.2956	248	0.0484	330	0.0284
197	-0.2756	249	-0.1896	331	0.0284
198	-0.2786	250	-0.2446	332	0.0274
199	-0.2796	251	-0.1646	333	0.0264
200	-0.2706	252	-0.0506	334	0.0264
201	-0.2706	253	-0.4754	335	0.0264
202	-0.2706	254	0.3324	336	0.0274
203	-0.2746	255	-0.9756	337	0.0274
204	-0.2726	256	-0.9096	338	0.0294
205	0.3244	257	-0.8526	339	0.0274
206	0.3234	258	-0.7446	340	0.0284
207	0.3734	259	-0.5596	341	0.0264
208	0.3324	260	-0.3666	350	0.0274
210	0.3634	261	-0.1306	351	0.0274
211	0.6244	262	0.0524	352	0.0274
212	0.7804	263	-0.2606	353	0.0274
213	0.0294	264	-0.2476	354	0.0264
214	0.0284	265	0.0734	355	0.0254
215	0.0294	266	0.1594		
216	0.0264	267	-0.2556		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1871

TUNNEL = 11

TEST NO. = 086

TEST PHASE = 2

RUN NUMBER = 314.

CONFIGURATION NO. = 15.

ANGLE OF MODEL ROLL(DEG) = 900.0

MACH NUMBER = 1.049

TUNNEL DYNAMIC PRESSURE(PSF) = 752.

TUNNEL STAGNATION PRESSURE(PSF) = 1959.

TUNNEL STATIC PRESSURE(PSF) = 977.

REYNOLDS NUMBER PER FOOT = 4.0080E 06

MODEL ANGLE OF ATTACK(DEG) = 7.95

FIN ANGLE(DEG) = -0.

FREE^oSTREAM TOTAL TEMPERATURE(DEG. RANKINE) = 562.

SCANIVALUE	CP(REF)
147	-0.0832
247	-0.0842
347	-0.0852
447	-0.0842
547	-0.0862
647	-0.0872
747	-0.0872

ORF	CP	ORF	CP	ORF	CP
1	0.2398	52	-0.0432	102	-0.2582
2	-0.2492	53	-0.2502	103	-0.7212
3	-0.6702	54	-0.3602	104	-0.0482
4	-0.5592	55	-0.4402	105	-0.5592
5	-0.5132	56	-0.3222	110	-0.2372
6	-0.4642	57	-0.3352	111	-0.2542
7	-0.4152	58	-0.3682	112	-0.1772
8	-0.3342	59	-0.3562	113	-0.1422
9	-0.2492	60	-0.1872	114	0.0128
10	-0.1522	61	-0.0692	115	0.0148
11	-0.0922	62	-0.0432	116	0.0148
12	-0.0462	63	-0.0862	117	0.0138
13	-0.0282	64	-0.3822	118	0.0128
14	-0.1292	65	-0.3842	119	0.0138
15	-0.2232	66	-0.5942	120	-0.1502
16	-0.1532	67	-0.3522	121	0.0028
17	-0.3852	68	-0.3452	122	0.0128
18	-0.5322	69	-0.3522	123	0.0148
19	-0.5192	70	-0.2322	124	-0.0352
20	-0.4632	71	-0.1032	125	-0.0732
21	-0.4062	72	-0.0852	126	-0.0112
22	-0.3292	73	-0.1512	127	-0.0522
23	-0.2312	74	-0.3932	128	-0.0062
24	-0.1272	75	-0.8892	129	-0.1692
25	-0.0742	76	-0.4582	135	-0.0122
26	-0.0362	77	-0.3312	136	-0.0192
27	-0.0222	78	-0.2762	137	-0.0032
28	-0.1282	79	-0.1232	138	0.1088
29	-0.2622	80	-0.0692	139	0.0808
30	-0.2332	81	-0.1392	140	0.1098
32	-0.4502	82	-0.3692	141	0.2168
33	-0.4642	83	-0.9332	142	0.2348
34	-0.4122	84	-0.7072	143	0.2478
35	-0.3452	85	-0.3642	145	-0.0212
36	-0.2412	86	-0.1792	147	0.2298
37	-0.1332	87	-0.0112	151	0.0608
38	-0.0702	88	-0.0922	152	-0.1642
39	-0.0262	89	-0.3932	153	-0.2562
40	-0.0222	90	-0.9432	154	-0.3662
41	-0.1152	91	-0.6522	155	0.0508
42	-0.3032	92	-0.3712	156	0.1808
43	-0.2522	93	-0.0822	157	-0.0382
44	-0.3042	94	-0.0932	158	0.3448
45	-0.3662	95	-0.4282	159	0.3178
46	-0.3952	96	-0.5102	160	0.2458
47	-0.3832	97	-0.3122	161	0.0918
48	-0.2982	98	0.2778	162	0.3898
49	-0.1382	99	0.2358	163	0.3338
50	-0.0622	100	-0.1822	164	0.0698
51	-0.0272	101	-0.3012	165	0.0658

ORF	CP	ORF	CP	ORF	CP
166	0.5558	217	0.0118	268	-0.2622
167	0.3428	218	0.0128	269	0.1168
168	0.3188	219	0.0128	270	0.1688
169	0.1968	220	0.0128	271	-0.2842
170	0.0238	221	-0.0922	272	-0.3002
171	0.3078	222	-0.2222	273	0.1158
172	0.0718	223	-0.4972	274	0.1898
173	0.0788	224	-0.4662	275	0.5898
174	0.0188	225	0.8188	276	0.4648
175	-0.1272	226	0.5938	277	0.3178
176	-0.3332	227	-0.9172	278	-0.9032
177	-0.1482	228	-0.8232	279	-0.8632
178	-0.3392	229	-0.7222	280	-0.7792
179	-0.3472	230	-0.5252	281	-0.6352
180	-0.3022	231	-0.3812	282	-0.5162
181	0.1378	232	-0.3012	283	-0.4462
182	0.2448	233	-0.2562	284	-0.1992
183	0.1288	234	0.1158	285	0.0118
184	0.3778	235	-0.1512	286	-0.2872
185	0.5128	236	-0.2272	287	-0.3092
186	0.5568	237	-0.3482	288	0.0108
187	0.6098	238	-0.3022	289	0.1808
188	0.6598	239	0.5828	290	0.1698
189	0.6828	240	0.4618	291	-1.0712
190	-0.2762	241	-0.9492	292	-0.1682
191	-0.2632	242	-0.8442	325	0.0148
192	-0.2762	244	-0.6162	326	0.0148
193	-0.2772	245	-0.4852	327	0.0158
194	-0.2782	246	-0.4012	328	0.0168
195	-0.2652	247	-0.1872	329	0.0158
196	-0.3122	248	0.0718	330	0.0168
197	-0.2772	249	-0.1712	331	0.0148
198	-0.2822	250	-0.2242	332	0.0158
199	-0.2892	251	-0.1532	333	0.0178
200	-0.2752	252	-0.0372	334	0.0158
201	-0.2702	253	0.5128	335	0.0178
202	-0.2712	254	0.3558	336	0.0148
203	-0.2752	255	-0.9752	337	0.0148
204	-0.2742	256	-0.9212	338	0.0148
205	0.3718	257	-0.8662	339	0.0168
206	0.3678	258	-0.7552	340	0.0178
207	0.4348	259	-0.5792	341	0.0158
208	0.3798	260	-0.3982	350	0.0148
210	0.5148	261	-0.1742	351	0.0148
211	0.7828	262	0.0468	352	0.0138
212	0.9648	263	-0.2572	353	0.0128
213	0.0128	264	-0.2232	354	0.0128
214	0.0138	265	0.0948	355	0.0128
215	0.0138	266	0.1778		
216	0.0138	267	-0.2492		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1872
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 314.
CONFIGURATION NO. = 15.
ANGLE OF MODEL ROLL(DEG) = 900.0
MACH NUMBER = 1.052
TUNNEL DYNAMIC PRESSURE(PSF) = 755.
TUNNEL STAGNATION PRESSURE(PSF) = 1963.
TUNNEL STATIC PRESSURE(PSF) = 975.
REYNOLDS NUMBER PER FOOT = 4.0240E 06
MODEL ANGLE OF ATTACK(DEG) = 11.95
FIN ANGLE(DEG) = -0.
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 561.

SCANIVALUE	CP(REF)
147	-0.0814
247	-0.0824
347	-0.0824
447	-0.0814
547	-0.0754
647	-0.0764
747	-0.0764

ORF	CP	ORF	CP	ORF	CP
1	0.2676	52	-0.0744	102	-0.1944
2	-0.2334	53	-0.2654	103	-0.6544
3	-0.6664	54	-0.3094	104	-0.0704
4	-0.5794	55	-0.7774	105	-0.5224
5	-0.5334	56	-0.6074	110	-0.2884
6	-0.4824	57	-0.5004	111	-0.3154
7	-0.4294	58	-0.4514	112	-0.2684
8	-0.3564	59	-0.4384	113	-0.1974
9	-0.3024	60	-0.3874	114	0.0046
10	-0.2084	61	-0.2324	115	0.0066
11	-0.1384	62	-0.1404	116	0.0056
12	-0.0854	63	-0.1364	117	0.0046
13	-0.0464	64	-0.4004	118	0.0066
14	-0.1284	65	-0.3904	119	0.0066
15	-0.2004	66	-0.8094	120	-0.1594
16	-0.2034	67	-0.6094	121	0.0016
17	-0.3654	68	-0.5234	122	0.0056
18	-0.5144	69	-0.4774	123	0.0046
19	-0.5284	70	-0.4144	124	-0.0294
20	-0.4854	71	-0.3204	125	-0.0724
21	-0.4384	72	-0.2574	126	-0.0234
22	-0.3764	73	-0.2884	127	-0.0464
23	-0.3144	74	-0.4414	128	-0.0264
24	-0.1974	75	-1.0394	129	-0.1794
25	-0.1214	76	-0.8564	135	-0.0174
26	-0.0734	77	-0.6604	136	-0.0284
27	-0.0364	78	-0.4794	137	-0.0224
28	-0.1134	79	-0.3784	138	0.1296
29	-0.2424	80	-0.3134	139	0.1216
30	-0.2974	81	-0.2724	140	0.1226
32	-0.4364	82	-0.3584	141	0.2726
33	-0.4824	83	-1.0294	142	0.2396
34	-0.4664	84	-0.8964	143	0.2816
35	-0.4214	85	-0.7854	145	-0.0274
36	-0.3534	86	-0.6434	147	0.2356
37	-0.2234	87	-0.3334	151	0.0886
38	-0.1354	88	-0.2454	152	-0.1534
39	-0.0904	89	-0.4144	153	-0.2534
40	-0.0494	90	-1.0204	154	-0.4424
41	-0.1254	91	-0.8294	155	0.1616
42	-0.2744	92	-0.7174	156	0.2136
43	-0.6114	93	-0.7434	157	-0.0194
44	-0.4244	94	-0.7954	158	0.3976
45	-0.3944	95	-0.7204	159	0.3606
46	-0.4294	96	-0.1164	160	0.2936
47	-0.4494	97	-0.2804	161	0.1266
48	-0.4274	98	0.3636	162	0.4266
49	-0.3154	99	0.3116	163	0.3416
50	-0.1684	100	-0.1354	164	0.1206
51	-0.1064	101	-0.2354	165	0.1016

ORF	CP	ORF	CP	ORF	CP
166	0.5996	217	0.0066	268	-0.2054
167	0.4246	218	0.0056	269	0.1716
168	0.3926	219	0.0086	270	0.2226
169	0.2706	220	0.0086	271	-0.2144
170	0.0666	221	-0.1474	272	-0.2304
171	0.4106	222	-0.2634	273	0.1156
172	0.1616	223	-0.5814	274	0.1906
173	0.1396	224	-0.5244	275	0.6626
174	0.0776	225	0.9596	276	0.5086
175	-0.0774	226	0.7026	277	0.3526
176	-0.3144	227	-0.8964	278	-0.8934
177	-0.1414	228	-0.8124	279	-0.8544
178	-0.3424	229	-0.7204	280	-0.7744
179	-0.3494	230	-0.5574	281	-0.6374
180	-0.3234	231	-0.3994	282	-0.5354
181	0.1206	232	-0.3164	283	-0.4584
182	0.1956	233	-0.2004	284	-0.2414
183	0.0766	234	0.1716	285	0.0066
184	0.3536	235	-0.1414	286	-0.2144
185	0.5136	236	-0.2104	287	-0.2464
186	0.6006	237	-0.3354	288	-0.0184
187	0.6426	238	-0.2564	289	0.2196
188	0.6816	239	0.6196	290	0.2216
189	0.6676	240	0.4866	291	-1.0654
190	-0.2754	241	-0.9484	292	-0.2584
191	-0.2644	242	-0.8504	325	0.0006
192	-0.2774	244	-0.6084	326	0.0006
193	-0.2824	245	-0.4654	327	0.0006
194	-0.2864	246	-0.3884	328	0.0016
195	-0.2664	247	-0.1644	329	0.0016
196	-0.3314	248	0.0916	330	0.0026
197	-0.2844	249	-0.1624	331	0.0006
198	-0.3004	250	-0.2044	332	0.0006
199	-0.3104	251	-0.1214	333	0.0016
200	-0.2884	252	-0.0034	334	0.0016
201	-0.2864	253	0.5516	335	0.0016
202	-0.2894	254	0.3976	336	0.0006
203	-0.2904	255	-0.9644	337	0.0006
204	-0.2934	256	-0.9164	338	0.0016
205	0.4316	257	-0.8704	339	0.0006
206	0.4346	258	-0.7684	340	0.0016
207	0.5006	259	-0.6154	341	0.0016
208	0.4276	260	-0.4164	350	0.0046
210	0.4626	261	-0.1884	351	0.0056
211	0.9246	262	0.0506	352	0.0076
212	1.1106	263	-0.2634	353	0.0046
213	0.0046	264	-0.1724	354	0.0056
214	0.0056	265	0.1426	355	0.0056
215	0.0076	266	0.2336		
216	0.0076	267	-0.2274		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1873
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 314.
CONFIGURATION NO. = 15.
ANGLE OF MODEL ROLL(DEG) = 900.0
MACH NUMBER = 1.048
TUNNEL DYNAMIC PRESSURE(PSF) = 755.
TUNNEL STAGNATION PRESSURE(PSF) = 1967.
TUNNEL STATIC PRESSURE(PSF) = 982.
REYNOLDS NUMBER PER FOOT = 4.0350E 06
MODEL ANGLE OF ATTACK(DEG) = 0.12
FIN ANGLE(DEG) = -0.
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 560.

SCANIVALUE	CP(REF)
147	-0.0897
247	-0.0917
347	-0.0907
447	-0.0897
547	-0.0877
647	-0.0877
747	-0.0877

ORF	CP	ORF	CP	ORF	CP
1	0.1693	52	-0.0357	102	-0.3157
2	-0.2707	53	-0.2427	103	-0.8017
3	-0.6317	54	-0.4157	104	-0.0197
4	-0.5177	55	-0.1567	105	-0.6247
5	-0.3727	56	-0.0107	110	-0.1567
6	-0.1947	57	0.0483	111	-0.1887
7	-0.1057	58	0.0503	112	-0.1107
8	-0.0717	59	0.0513	113	-0.1187
9	-0.0557	60	0.0463	114	0.0353
10	-0.0367	61	0.0303	115	0.0333
11	-0.0277	62	0.0013	116	0.0353
12	-0.0207	63	-0.0487	117	0.0353
13	-0.0357	64	-0.3977	118	0.0353
14	-0.1627	65	-0.4097	119	0.0333
15	-0.2557	66	0.0673	120	-0.1437
16	-0.1607	67	0.0793	121	0.0283
17	-0.3787	68	0.0803	122	0.0373
18	-0.5017	69	0.0713	123	0.0353
19	-0.3907	70	0.0523	124	-0.0327
20	-0.1407	71	0.0303	125	-0.0547
21	-0.0637	72	-0.0077	126	-0.0107
22	-0.0457	73	-0.0807	127	-0.0367
23	-0.0347	74	-0.4307	128	0.0123
24	-0.0247	75	0.1203	129	-0.1617
25	-0.0117	76	0.1033	135	0.0073
26	-0.0107	77	0.0773	136	-0.0027
27	-0.0407	78	0.0503	137	0.0123
28	-0.1557	79	0.0013	138	0.1383
29	-0.3147	80	-0.0517	139	0.1163
30	-0.2247	81	-0.1507	140	0.1373
32	-0.3977	82	-0.4387	141	0.2593
33	-0.1747	83	0.1253	142	0.2513
34	-0.0387	84	0.0903	143	0.2563
35	-0.0287	85	0.0313	145	-0.0047
36	-0.0157	86	-0.0117	147	0.2483
37	-0.0067	87	-0.0517	151	-0.0777
38	0.0033	88	-0.1217	152	-0.2417
39	-0.0007	89	-0.4457	153	-0.2647
40	-0.0317	90	0.0483	154	-0.3477
41	-0.1287	91	0.0063	155	-0.0697
42	-0.3767	92	-0.0297	156	0.0963
43	-0.2167	93	-0.0627	157	-0.0827
44	-0.1867	94	-0.1157	158	0.3933
45	-0.1307	95	-0.4467	159	0.2183
46	-0.0107	96	-0.6177	160	0.1643
47	0.0183	97	-0.4047	161	0.0553
48	0.0233	98	0.0423	162	0.3353
49	0.0263	99	0.0853	163	0.2853
50	0.0253	100	-0.1377	164	0.1073
51	0.0023	101	-0.3427	165	-0.0127

ORF	CP	ORF	CP	ORF	CP
166	0.4233	217	0.0353	268	-0.2967
167	0.2213	218	0.0353	269	0.0713
168	0.1923	219	0.0343	270	0.1363
169	0.0763	220	0.0343	271	-0.3327
170	-0.0707	221	-0.1547	272	-0.3627
171	0.1323	222	-0.2587	273	0.0383
172	-0.0637	223	-0.3677	274	0.1223
173	-0.0487	224	-0.3597	275	0.3183
174	-0.1457	225	0.3083	276	0.3783
175	-0.2677	226	0.1993	277	0.2493
176	-0.3667	227	-0.9487	278	-0.8877
177	-0.2497	228	-0.8627	279	-0.8267
178	-0.3917	229	-0.7427	280	-0.7227
179	-0.4237	230	-0.5257	281	-0.5867
180	-0.2797	231	-0.2627	282	-0.3807
181	0.3653	232	-0.1587	283	-0.1627
182	0.5153	233	-0.0867	284	-0.0457
183	0.4363	234	-0.0477	285	0.0363
184	0.7513	235	-0.2217	286	-0.3357
185	0.8283	236	-0.2707	287	-0.3817
186	0.8403	237	-0.3147	288	-0.0207
187	0.9083	238	-0.2777	289	0.1243
188	0.9593	239	0.3073	290	0.0933
189	0.9883	240	0.1943	291	-0.7577
190	-0.3047	241	-0.9957	292	-0.0087
191	-0.2797	242	-0.9007	325	0.0313
192	-0.2897	244	-0.5427	326	0.0323
193	-0.2867	245	-0.2827	327	0.0323
194	-0.2827	246	-0.1757	328	0.0303
195	-0.2857	247	-0.0777	329	0.0313
196	-0.2907	248	-0.0217	330	0.0303
197	-0.2787	249	-0.2117	331	0.0323
198	-0.2817	250	-0.2577	332	0.0303
199	-0.2837	251	-0.1897	333	0.0303
200	-0.2917	252	-0.1147	334	0.0303
201	-0.2847	253	0.3233	335	0.0293
202	-0.2847	254	0.1933	336	0.0313
203	-0.2787	255	-0.9987	337	0.0313
204	-0.2827	256	-0.9287	338	0.0323
205	0.2603	257	-0.8717	339	0.0323
206	0.2663	258	-0.7127	340	0.0313
207	0.2943	259	-0.2707	341	0.0323
208	0.2763	260	-0.1437	350	0.0343
210	0.2333	261	-0.0597	351	0.0343
211	0.3333	262	0.0053	352	0.0363
212	0.3643	263	-0.2767	353	0.0363
213	0.0353	264	-0.2587	354	0.0353
214	0.0323	265	0.0203	355	0.0353
215	0.0323	266	0.1143		
216	0.0333	267	-0.2857		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1874
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 315.
CONFIGURATION NO. = 15.
ANGLE OF MODEL ROLL(DEG) = 900.0
MACH NUMBER = 0.902
TUNNEL DYNAMIC PRESSURE(PSF) = 693.
TUNNEL STAGNATION PRESSURE(PSF) = 2062.
TUNNEL STATIC PRESSURE(PSF) = 1216.
REYNOLDS NUMBER PER FOOT = 4.0300E 06
MODEL ANGLE OF ATTACK(DEG) = -12.08
FIN ANGLE(DEG) = -0.
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 562.

SCANIVALUE	CP(REF)
147	-0.4367
247	-0.4367
347	-0.4367
447	-0.4367
547	-0.4297
647	-0.4297
747	-0.4297

ORF	CP	ORF	CP	ORF	CP
1	-0.2577	52	-0.2067	102	-0.3727
2	-0.3107	53	-0.4317	103	-0.7027
3	-0.2907	54	-0.4327	104	0.0693
4	-0.2407	55	0.1423	105	-0.5467
5	-0.2177	56	0.0813	110	-0.1587
6	-0.2207	57	0.0463	111	-0.1817
7	-0.2057	58	0.0193	112	-0.1137
8	-0.1947	59	-0.0097	113	-0.1227
9	-0.2157	60	-0.0417	114	0.0683
10	-0.2257	61	-0.0677	115	0.0683
11	-0.2317	62	-0.1147	116	0.0683
12	-0.2337	63	-0.1797	117	0.0673
13	-0.2737	64	-0.6147	118	0.0683
14	-0.3527	65	-0.5287	119	0.0663
15	-0.3677	66	0.1843	120	-0.1317
16	-0.2097	67	0.1163	121	0.0633
17	-0.2107	68	0.0763	122	0.0683
18	-0.2067	69	0.0423	123	0.0673
19	-0.2037	70	0.0073	124	-0.0467
20	-0.1917	71	-0.0367	125	-0.0857
21	-0.1907	72	-0.0967	126	-0.0587
22	-0.1957	73	-0.2107	127	-0.0677
23	-0.2017	74	-0.5647	128	-0.0187
24	-0.2067	75	0.2143	129	-0.1477
25	-0.2177	76	0.1273	135	-0.0197
26	-0.2407	77	0.0783	136	-0.0317
27	-0.2707	78	0.0183	137	-0.0197
28	-0.3577	79	-0.0407	138	0.1033
29	-0.3797	80	-0.1397	139	0.1033
30	-0.1107	81	-0.3297	140	0.1093
32	-0.1337	82	-0.6017	141	0.1703
33	-0.1447	83	0.1993	142	0.1293
34	-0.1507	84	0.1033	143	0.1233
35	-0.1547	85	0.0213	145	-0.0287
36	-0.1587	86	-0.0787	147	0.1163
37	-0.1787	87	-0.1817	151	-0.1757
38	-0.1847	88	-0.3267	152	-0.2247
39	-0.2137	89	-0.6257	153	-0.2457
40	-0.2447	90	0.1013	154	-0.2387
41	-0.3397	91	-0.0997	155	-0.0227
42	-0.3917	92	-0.2027	156	-0.0987
43	0.0373	93	-0.2767	157	-0.1537
44	0.0003	94	-0.3737	158	0.1043
45	-0.0317	95	-0.6167	159	0.0373
46	-0.0567	96	-0.6927	160	0.0183
47	-0.0777	97	-0.5637	161	-0.0347
48	-0.0967	98	-0.8147	162	0.0213
49	-0.1057	99	-1.0227	163	-0.0077
50	-0.1277	100	-0.6297	164	0.1023
51	-0.1697	101	-0.4037	165	-0.1207

ORF	CP	ORF	CP	ORF	CP
166	-0.0417	217	0.0703	268	-0.2847
167	-0.0687	218	0.0713	269	-0.0967
168	-0.0947	219	0.0693	270	-0.0227
169	-0.1567	220	0.0693	271	-0.3897
170	-0.0677	221	-0.3487	272	-0.3467
171	-0.0837	222	-0.3787	273	-0.0697
172	-0.1537	223	-0.4277	274	-0.0447
173	-0.0557	224	-0.3117	275	-0.0237
174	-0.1127	225	-0.9817	276	-0.0547
175	-0.1617	226	-1.2027	277	-0.1527
176	-0.2177	227	-1.1557	278	-0.5267
177	-0.3067	228	-1.1427	279	-0.5127
178	-0.3467	229	-1.1367	280	-0.4307
179	-0.2477	230	-0.9287	281	-0.2837
180	-0.2197	231	-0.7627	282	-0.2247
181	0.3203	232	-0.6287	283	-0.1987
182	0.5803	233	-0.4857	284	-0.2067
183	0.6153	234	-0.3987	285	0.0683
184	0.8933	235	-0.3557	286	-0.3907
185	0.9753	236	-0.2987	287	-0.3747
186	1.0973	237	-0.2407	288	-0.1197
187	1.1883	238	-0.2287	289	-0.0997
188	1.2133	239	0.0753	290	-0.0657
189	1.2143	240	-0.0457	291	-1.1107
190	-0.2167	241	-0.8537	292	-0.0947
191	-0.2187	242	-0.8417	325	0.0693
192	-0.1927	244	-0.6587	326	0.0693
193	-0.1937	245	-0.4927	327	0.0653
194	-0.1907	246	-0.4517	328	0.0663
195	-0.1907	247	-0.3907	329	0.0673
196	-0.1927	248	-0.3467	330	0.0663
197	-0.1857	249	-0.3177	331	0.0703
198	-0.1857	250	-0.2717	332	0.0683
199	-0.1817	251	-0.2407	333	0.0663
200	-0.1997	252	-0.2297	334	0.0683
201	-0.1797	253	-0.0277	335	0.0683
202	-0.1857	254	-0.1427	336	0.0683
203	-0.1837	255	-0.7517	337	0.0693
204	-0.1817	256	-0.6487	338	0.0693
205	-0.0657	257	-0.5907	339	0.0663
206	-0.0517	258	-0.3847	340	0.0663
207	-0.0257	259	-0.2827	341	0.0663
208	-0.0487	260	-0.2607	350	0.0653
210	0.4303	261	-0.2617	351	0.0693
211	0.4993	262	-0.2647	352	0.0693
212	0.5803	263	-0.3447	353	0.0693
213	0.0693	264	-0.2477	354	0.0693
214	0.0713	265	-0.1097	355	0.0693
215	0.0683	266	-0.0687		
216	0.0693	267	-0.3617		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1875
 TUNNEL = 11
 TEST NO. = 086
 TEST PHASE = 2
 RUN NUMBER = 315.
 CONFIGURATION NO. = 15.
 ANGLE OF MODEL ROLL(DEG) = 900.0
 MACH NUMBER = 0.899
 TUNNEL DYNAMIC PRESSURE(PSF) = 685.
 TUNNEL STAGNATION PRESSURE(PSF) = 2045.
 TUNNEL STATIC PRESSURE(PSF) = 1211.
 REYNOLDS NUMBER PER FOOT = 3.9980E 06
 MODEL ANGLE OF ATTACK(DEG) = -8.12
 FIN ANGLE(DEG) = -0.
 FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 561.

SCANIVALUE	CP(REF)
147	-0.4329
247	-0.4349
347	-0.4349
447	-0.4339
547	-0.4339
647	-0.4349
747	-0.4349

ORF	CP	ORF	CP	ORF	CP
1	-0.1109	52	-0.2179	102	-0.3349
2	-0.2599	53	-0.4699	103	-0.5999
3	-0.2619	54	-0.4599	104	0.0611
4	-0.2309	55	0.0971	105	-0.4119
5	-0.2109	56	0.0461	110	-0.1009
6	-0.2059	57	0.0171	111	-0.1309
7	-0.1979	58	-0.0099	112	-0.0689
8	-0.1879	59	-0.0409	113	-0.0929
9	-0.1919	60	-0.0669	114	0.0601
10	-0.2009	61	-0.1069	115	0.0601
11	-0.2069	62	-0.1459	116	0.0601
12	-0.2109	63	-0.2179	117	0.0611
13	-0.2439	64	-0.6669	118	0.0631
14	-0.3459	65	-0.6079	119	0.0611
15	-0.3409	66	0.1331	120	-0.0949
16	-0.1679	67	0.0631	121	0.0571
17	-0.1829	68	0.0211	122	0.0601
18	-0.1859	69	-0.0139	123	0.0611
19	-0.1779	70	-0.0479	124	-0.0269
20	-0.1809	71	-0.0889	125	-0.0619
21	-0.1769	72	-0.1539	126	-0.0399
22	-0.1769	73	-0.2599	127	-0.0499
23	-0.1819	74	-0.6569	128	0.0121
24	-0.1949	75	0.1401	129	-0.1219
25	-0.1959	76	0.0621	135	0.0021
26	-0.2149	77	0.0101	136	-0.0099
27	-0.2489	78	-0.0449	137	0.0131
28	-0.3609	79	-0.1109	138	0.1151
29	-0.3639	80	-0.1979	139	0.1111
30	-0.0899	81	-0.3689	140	0.1201
32	-0.1169	82	-0.6899	141	0.1441
33	-0.1239	83	0.1241	142	0.1401
34	-0.1309	84	0.0271	143	0.1421
35	-0.1369	85	-0.0649	145	-0.0079
36	-0.1439	86	-0.1539	147	0.1361
37	-0.1619	87	-0.2449	151	-0.1299
38	-0.1709	88	-0.3659	152	-0.1899
39	-0.1949	89	-0.7089	153	-0.2519
40	-0.2379	90	0.0131	154	-0.2259
41	-0.3369	91	-0.1759	155	0.0911
42	-0.4059	92	-0.2699	156	0.0331
43	0.0291	93	-0.3339	157	-0.0769
44	-0.0029	94	-0.4179	158	0.2031
45	-0.0389	95	-0.6469	159	0.1501
46	-0.0509	96	-0.5759	160	0.1241
47	-0.0709	97	-0.4839	161	0.0391
48	-0.0889	98	-0.4599	162	0.0361
49	-0.1119	99	-0.7079	163	0.0291
50	-0.1289	100	-0.5469	164	0.1111
51	-0.1639	101	-0.3659	165	-0.0749

ORF	CP	ORF	CP	ORF	CP
166	-0.0149	217	0.0601	268	-0.2719
167	-0.0109	218	0.0601	269	-0.0189
168	-0.0239	219	0.0601	270	0.0401
169	-0.0829	220	0.0591	271	-0.3499
170	-0.0159	221	-0.3369	272	-0.3319
171	-0.0169	222	-0.3849	273	-0.0539
172	-0.0999	223	-0.5129	274	-0.0529
173	-0.0439	224	-0.4449	275	-0.0679
174	-0.0899	225	-0.7709	276	0.0421
175	-0.1489	226	-1.0099	277	-0.0659
176	-0.1879	227	-1.2749	278	-0.5909
177	-0.3029	228	-1.2609	279	-0.5059
178	-0.3939	229	-1.2199	280	-0.3809
179	-0.2979	230	-1.1179	281	-0.2549
180	-0.1949	231	-0.9139	282	-0.2169
181	0.3161	232	-0.8049	283	-0.2009
182	0.5241	233	-0.5199	284	-0.1979
183	0.5251	234	-0.3599	285	0.0591
184	0.8371	235	-0.3359	286	-0.3629
185	0.9231	236	-0.2909	287	-0.3789
186	1.0551	237	-0.2529	288	-0.1209
187	1.1641	238	-0.2189	289	-0.0929
188	1.1921	239	-0.0099	290	0.0171
189	1.1911	240	-0.1409	291	-1.1479
190	-0.1989	241	-0.8589	292	-0.1209
191	-0.1899	242	-0.8389	325	0.0601
192	-0.1749	244	-0.6949	326	0.0611
193	-0.1779	245	-0.4989	327	0.0611
194	-0.1669	246	-0.4339	328	0.0631
195	-0.1979	247	-0.3439	329	0.0611
196	-0.1769	248	-0.2749	330	0.0601
197	-0.1689	249	-0.2819	331	0.0611
198	-0.1759	250	-0.2549	332	0.0621
199	-0.1709	251	-0.2029	333	0.0641
200	-0.1899	252	-0.1669	334	0.0631
201	-0.1709	253	0.0621	335	0.0621
202	-0.1679	254	-0.0699	336	0.0601
203	-0.1749	255	-0.8799	337	0.0611
204	-0.1769	256	-0.8049	338	0.0611
205	-0.0399	257	-0.7139	339	0.0611
206	-0.0419	258	-0.5029	340	0.0621
207	-0.0069	259	-0.3329	341	0.0611
208	-0.0199	260	-0.2789	350	0.0591
210	0.3251	261	-0.2529	351	0.0611
211	0.4491	262	-0.2359	352	0.0631
212	0.5601	263	-0.3619	353	0.0611
213	0.0601	264	-0.2369	354	0.0611
214	0.0601	265	-0.0319	355	0.0601
215	0.0581	266	0.0301		
216	0.0591	267	-0.3509		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1876
 TUNNEL = 11
 TEST NO. = 086
 TEST PHASE = 2
 RUN NUMBER = 315.
 CONFIGURATION NO. = 15.
 ANGLE OF MODEL ROLL(DEG) = 900.0
 MACH NUMBER = 0.899
 TUNNEL DYNAMIC PRESSURE(PSF) = 685.
 TUNNEL STAGNATION PRESSURE(PSF) = 2046.
 TUNNEL STATIC PRESSURE(PSF) = 1211.
 REYNOLDS NUMBER PER FOOT = 4.0010E 06
 MODEL ANGLE OF ATTACK(DEG) = -3.99
 FIN ANGLE(DEG) = -0.
 FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 561.

SCANIVALUE	CP(REF)
147	-0.4329
247	-0.4349
347	-0.4349
447	-0.4349
547	-0.4309
647	-0.4319
747	-0.4319

ORF	CP	ORF	CP	ORF	CP
1	-0.1319	52	-0.2719	102	-0.3049
2	-0.3409	53	-0.5179	103	-0.5259
3	-0.3259	54	-0.4069	104	0.0381
4	-0.2769	55	0.0091	105	-0.3769
5	-0.2419	56	-0.0279	110	-0.0559
6	-0.2249	57	-0.0479	111	-0.0849
7	-0.2109	58	-0.0839	112	-0.0349
8	-0.2009	59	-0.1119	113	-0.0539
9	-0.2039	60	-0.1399	114	0.0481
10	-0.2019	61	-0.1729	115	0.0481
11	-0.2109	62	-0.2159	116	0.0491
12	-0.2229	63	-0.2889	117	0.0481
13	-0.2529	64	-0.7049	118	0.0491
14	-0.3319	65	-0.5759	119	0.0481
15	-0.3259	66	0.0281	120	-0.0639
16	-0.2259	67	-0.0309	121	0.0451
17	-0.2389	68	-0.0649	122	0.0471
18	-0.2159	69	-0.0979	123	0.0461
19	-0.2039	70	-0.1339	124	-0.0039
20	-0.2029	71	-0.1679	125	-0.0329
21	-0.1939	72	-0.2169	126	-0.0129
22	-0.1939	73	-0.3139	127	-0.0239
23	-0.1999	74	-0.6999	128	0.0281
24	-0.1999	75	0.0371	129	-0.0999
25	-0.2079	76	-0.0209	135	0.0251
26	-0.2289	77	-0.0739	136	0.0151
27	-0.2669	78	-0.1229	137	0.0291
28	-0.3559	79	-0.1859	138	0.1231
29	-0.3399	80	-0.2669	139	0.1201
30	-0.1359	81	-0.3979	140	0.1281
32	-0.1509	82	-0.6529	141	0.1621
33	-0.1539	83	0.0121	142	0.1601
34	-0.1599	84	-0.0739	143	0.1601
35	-0.1659	85	-0.1619	145	0.0131
36	-0.1649	86	-0.2429	147	0.1591
37	-0.1769	87	-0.2959	151	-0.0989
38	-0.1939	88	-0.3829	152	-0.1609
39	-0.2179	89	-0.6319	153	-0.1759
40	-0.2529	90	-0.0989	154	-0.2059
41	-0.3529	91	-0.2529	155	-0.0459
42	-0.3639	92	-0.2859	156	0.0711
43	-0.0389	93	-0.3189	157	-0.0419
44	-0.0659	94	-0.3899	158	0.1231
45	-0.0959	95	-0.5809	159	0.1121
46	-0.1089	96	-0.5579	160	0.0691
47	-0.1209	97	-0.4829	161	0.0061
48	-0.1379	98	-0.2659	162	-0.0079
49	-0.1589	99	-0.2809	163	0.0111
50	-0.1859	100	-0.4349	164	0.1161
51	-0.2179	101	-0.3209	165	-0.0779

ORF	CP	ORF	CP	ORF	CP
166	0.0351	217	0.0481	268	-0.2659
167	0.0531	218	0.0471	269	-0.0459
168	0.0281	219	0.0491	270	-0.0029
169	-0.0419	220	0.0481	271	-0.3069
170	-0.0609	221	-0.3009	272	-0.3159
171	0.0421	222	-0.3079	273	-0.1119
172	-0.0599	223	-0.4419	274	-0.0829
173	-0.0369	224	-0.4089	275	-0.0049
174	-0.0899	225	-0.2199	276	0.0761
175	-0.1389	226	-0.3419	277	-0.0449
176	-0.1819	227	-1.1259	278	-0.6809
177	-0.2119	228	-1.0689	279	-0.6179
178	-0.3119	229	-1.0349	280	-0.4699
179	-0.2979	230	-0.9039	281	-0.2919
180	-0.1769	231	-0.7349	282	-0.2379
181	0.2941	232	-0.6939	283	-0.2139
182	0.4201	233	-0.4009	284	-0.1989
183	0.3211	234	-0.2469	285	0.0481
184	0.5941	235	-0.2649	286	-0.3079
185	0.6931	236	-0.2549	287	-0.3549
186	0.8141	237	-0.2439	288	-0.1599
187	0.9651	238	-0.2049	289	-0.0599
188	1.0681	239	0.0591	290	0.0041
189	1.1131	240	-0.0709	291	-1.1409
190	-0.1929	241	-0.8799	292	-0.1199
191	-0.1749	242	-0.8559	325	0.0441
192	-0.1699	244	-0.6129	326	0.0431
193	-0.1729	245	-0.4059	327	0.0411
194	-0.1649	246	-0.3359	328	0.0401
195	-0.1769	247	-0.2939	329	0.0401
196	-0.1769	248	-0.2669	330	0.0421
197	-0.1719	249	-0.2809	331	0.0461
198	-0.1699	250	-0.2359	332	0.0431
199	-0.1749	251	-0.1809	333	0.0421
200	-0.1819	252	-0.1409	334	0.0421
201	-0.1709	253	0.1301	335	0.0441
202	-0.1679	254	-0.0229	336	0.0431
203	-0.1639	255	-0.8519	337	0.0441
204	-0.1719	256	-0.8109	338	0.0431
205	0.0161	257	-0.7579	339	0.0421
206	0.0141	258	-0.5979	340	0.0421
207	0.0411	259	-0.3459	341	0.0411
208	0.0331	260	-0.2519	350	0.0481
210	0.1351	261	-0.2259	351	0.0501
211	0.3811	262	-0.2069	352	0.0511
212	0.4801	263	-0.3349	353	0.0501
213	0.0481	264	-0.2179	354	0.0491
214	0.0471	265	-0.0379	355	0.0471
215	0.0481	266	0.0121		
216	0.0461	267	-0.3229		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1877
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 315.
CONFIGURATION NO. = 15.
ANGLE OF MODEL ROLL(DEG) = 900.0
MACH NUMBER = 0.900
TUNNEL DYNAMIC PRESSURE(PSF) = 686.
TUNNEL STAGNATION PRESSURE(PSF) = 2048.
TUNNEL STATIC PRESSURE(PSF) = 1211.
REYNOLDS NUMBER PER FOOT = 4.0060E 06
MODEL ANGLE OF ATTACK(DEG) = 0.09
FIN ANGLE(DEG) = -0.
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 561.

SCANIVALUE	CP(REF)
147	-0.4343
247	-0.4353
347	-0.4343
447	-0.4333
547	-0.4373
647	-0.4373
747	-0.4373

ORF	CP	ORF	CP	ORF	CP
1	-0.0653	52	-0.2833	102	-0.2873
2	-0.5463	53	-0.5323	103	-0.5343
3	-0.7163	54	-0.5503	104	-0.0083
4	-0.4543	55	-0.0583	105	-0.3733
5	-0.3093	56	-0.0863	110	-0.0533
6	-0.2473	57	-0.1013	111	-0.0813
7	-0.2143	58	-0.1263	112	-0.0363
8	-0.1943	59	-0.1493	113	-0.0533
9	-0.1933	60	-0.1703	114	0.0047
10	-0.1953	61	-0.2023	115	0.0037
11	-0.1943	62	-0.2463	116	0.0037
12	-0.2003	63	-0.3093	117	0.0017
13	-0.2363	64	-0.7243	118	0.0017
14	-0.3483	65	-0.7293	119	0.0017
15	-0.3373	66	-0.0613	120	-0.0663
16	-0.4183	67	-0.0893	121	0.0017
17	-0.5853	68	-0.1153	122	0.0027
18	-0.4073	69	-0.1473	123	0.0037
19	-0.2223	70	-0.1783	124	-0.0063
20	-0.2013	71	-0.2153	125	-0.0383
21	-0.1863	72	-0.2643	126	-0.0163
22	-0.1803	73	-0.3473	127	-0.0273
23	-0.1783	74	-0.7393	128	0.0217
24	-0.1853	75	-0.0683	129	-0.1033
25	-0.1933	76	-0.1103	135	0.0227
26	-0.2093	77	-0.1523	136	0.0127
27	-0.2463	78	-0.1953	137	0.0217
28	-0.3763	79	-0.2513	138	0.1147
29	-0.3743	80	-0.2933	139	0.1077
30	-0.4283	81	-0.4173	140	0.1137
32	-0.1613	82	-0.7393	141	0.1577
33	-0.1543	83	-0.0893	142	0.1537
34	-0.1593	84	-0.1473	143	0.1577
35	-0.1593	85	-0.2203	145	0.0107
36	-0.1653	86	-0.2493	147	0.1507
37	-0.1723	87	-0.2913	151	-0.0653
38	-0.1853	88	-0.3773	152	-0.1543
39	-0.2083	89	-0.7213	153	-0.1533
40	-0.2533	90	-0.2073	154	-0.1913
41	-0.3703	91	-0.2333	155	-0.1073
42	-0.4003	92	-0.2633	156	0.1137
43	-0.0993	93	-0.2983	157	-0.0203
44	-0.1073	94	-0.3593	158	0.1627
45	-0.1213	95	-0.6793	159	0.1887
46	-0.1283	96	-0.7583	160	0.1477
47	-0.1393	97	-0.6713	161	0.0587
48	-0.1523	98	-0.1143	162	0.1477
49	-0.1693	99	-0.1463	163	0.1947
50	-0.1903	100	-0.3903	164	0.1047
51	-0.2253	101	-0.3063	165	0.0287

ORF	CP	ORF	CP	ORF	CP
166	0.1757	217	0.0027	268	-0.2913
167	0.1957	218	0.0027	269	-0.0853
168	0.1807	219	0.0007	270	-0.0083
169	0.0707	220	-0.0003	271	-0.3033
170	-0.1033	221	-0.2283	272	-0.3233
171	0.1627	222	-0.3033	273	-0.1883
172	-0.0273	223	-0.4553	274	-0.0963
173	-0.0653	224	-0.4833	275	0.0407
174	-0.1013	225	0.1097	276	0.1727
175	-0.1593	226	-0.0253	277	0.0267
176	-0.2203	227	-1.1173	278	-1.1583
177	-0.1843	228	-0.9703	279	-1.0273
178	-0.2683	229	-0.8603	280	-0.9043
179	-0.3003	230	-0.5793	281	-0.6453
180	-0.1843	231	-0.3693	282	-0.3513
181	0.2877	232	-0.2993	283	-0.2413
182	0.3657	233	-0.2433	284	-0.1943
183	0.2497	234	-0.2303	285	0.0027
184	0.5397	235	-0.3213	286	-0.3063
185	0.6397	236	-0.2903	287	-0.3493
186	0.7387	237	-0.2613	288	-0.2213
187	0.8227	238	-0.2113	289	-0.1043
188	0.8877	239	0.1307	290	-0.0003
189	0.9237	240	-0.0013	291	-0.7913
190	-0.2043	241	-1.0783	292	-0.1903
191	-0.1803	242	-1.1023	325	0.0077
192	-0.1833	244	-0.6883	326	0.0077
193	-0.1853	245	-0.3813	327	0.0067
194	-0.1813	246	-0.2893	328	0.0067
195	-0.1763	247	-0.2353	329	0.0087
196	-0.1903	248	-0.2183	330	0.0077
197	-0.1753	249	-0.3243	331	0.0087
198	-0.1733	250	-0.2583	332	0.0077
199	-0.1823	251	-0.1813	333	0.0067
200	-0.1813	252	-0.1303	334	0.0087
201	-0.1763	253	0.1867	335	0.0087
202	-0.1733	254	0.0207	336	0.0067
203	-0.1743	255	-1.3533	337	0.0077
204	-0.1743	256	-1.2513	338	0.0077
205	0.0627	257	-1.0563	339	0.0067
206	0.0617	258	-0.7893	340	0.0067
207	0.0967	259	-0.3573	341	0.0077
208	0.0807	260	-0.2463	350	0.0027
210	0.0347	261	-0.2063	351	0.0017
211	0.1517	262	-0.1883	352	0.0007
212	0.1697	263	-0.3793	353	0.0007
213	0.0027	264	-0.2493	354	0.0007
214	0.0047	265	-0.0573	355	0.0017
215	0.0007	266	0.0027		
216	0.0007	267	-0.3453		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1878
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 315.
CONFIGURATION NO. = 15.
ANGLE OF MODEL ROLL(DEG) = 900.0
MACH NUMBER = 0.898
TUNNEL DYNAMIC PRESSURE(PSF) = 685.
TUNNEL STAGNATION PRESSURE(PSF) = 2048.
TUNNEL STATIC PRESSURE(PSF) = 1214.
REYNOLDS NUMBER PER FOOT = 4.0030E 06
MODEL ANGLE OF ATTACK(DEG) = 4.01
FIN ANGLE(DEG) = -0.
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 561.

SCANIVALUE	CP(REF)
147	-0.4373
247	-0.4393
347	-0.4373
447	-0.4373
547	-0.4403
647	-0.4413
747	-0.4403

ORF	CP	ORF	CP	ORF	CP
1	-0.0213	52	-0.2583	102	-0.3183
2	-0.5543	53	-0.5153	103	-0.6523
3	-0.8623	54	-0.6383	104	-0.0183
4	-0.7573	55	-0.4023	105	-0.4303
5	-0.6773	56	-0.1233	110	-0.0703
6	-0.4783	57	-0.1173	111	-0.1013
7	-0.3273	58	-0.1343	112	-0.0463
8	-0.2173	59	-0.1483	113	-0.0693
9	-0.1723	60	-0.1673	114	0.0087
10	-0.1523	61	-0.1963	115	0.0077
11	-0.1473	62	-0.2383	116	0.0067
12	-0.1523	63	-0.3073	117	0.0067
13	-0.1873	64	-0.7233	118	0.0067
14	-0.3203	65	-0.7163	119	0.0087
15	-0.3493	66	-0.4273	120	-0.0723
16	-0.4173	67	-0.2153	121	0.0047
17	-0.6523	68	-0.1513	122	0.0087
18	-0.7433	69	-0.1553	123	0.0077
19	-0.6673	70	-0.1893	124	-0.0093
20	-0.4013	71	-0.2213	125	-0.0413
21	-0.2153	72	-0.2713	126	-0.0233
22	-0.1563	73	-0.3593	127	-0.0343
23	-0.1463	74	-0.7343	128	0.0107
24	-0.1383	75	-0.4273	129	-0.1003
25	-0.1443	76	-0.2463	135	0.0127
26	-0.1603	77	-0.2123	136	0.0037
27	-0.2083	78	-0.2323	137	0.0117
28	-0.3493	79	-0.2703	138	0.1097
29	-0.3983	80	-0.3003	139	0.0997
30	-0.4893	81	-0.4363	140	0.1047
32	-0.6473	82	-0.7123	141	0.1587
33	-0.3873	83	-0.4513	142	0.1397
34	-0.1703	84	-0.2553	143	0.1687
35	-0.1183	85	-0.2533	145	0.0007
36	-0.1153	86	-0.2513	147	0.1377
37	-0.1273	87	-0.2893	151	0.0047
38	-0.1413	88	-0.3903	152	-0.1603
39	-0.1653	89	-0.7143	153	-0.1753
40	-0.2133	90	-0.4733	154	-0.2103
41	-0.3423	91	-0.2583	155	-0.0763
42	-0.4643	92	-0.2523	156	0.1337
43	-0.4563	93	-0.2923	157	-0.0273
44	-0.5253	94	-0.3713	158	0.1767
45	-0.2073	95	-0.6623	159	0.2157
46	-0.1003	96	-0.5583	160	0.1697
47	-0.1083	97	-0.6493	161	0.0487
48	-0.1243	98	-0.0033	162	0.0757
49	-0.1423	99	-0.0473	163	0.1357
50	-0.1593	100	-0.3813	164	0.0977
51	-0.1983	101	-0.3313	165	-0.0253

ORF	CP	ORF	CP	ORF	CP
166	0.2477	217	0.0037	268	-0.3293
167	0.2427	218	0.0037	269	-0.0623
168	0.2187	219	0.0047	270	0.0187
169	0.1167	220	0.0047	271	-0.3333
170	-0.0573	221	-0.1873	272	-0.3563
171	0.2227	222	-0.2613	273	-0.1493
172	0.0007	223	-0.4583	274	-0.0363
173	-0.0443	224	-0.5533	275	0.1307
174	-0.0773	225	0.4297	276	0.2497
175	-0.1613	226	0.2037	277	0.0697
176	-0.2373	227	-1.3683	278	-1.2823
177	-0.1663	228	-1.2473	279	-1.1653
178	-0.2793	229	-1.1283	280	-1.0213
179	-0.3253	230	-0.8103	281	-0.8193
180	-0.2033	231	-0.6063	282	-0.6753
181	0.1797	232	-0.3143	283	-0.3833
182	0.2607	233	-0.1623	284	-0.1593
183	0.1247	234	-0.1513	285	0.0087
184	0.3407	235	-0.3923	286	-0.3243
185	0.4377	236	-0.3423	287	-0.3583
186	0.5307	237	-0.2933	288	-0.2403
187	0.6097	238	-0.2223	289	-0.1343
188	0.6837	239	0.2667	290	0.0287
189	0.7247	240	0.1427	291	-1.0533
190	-0.2213	241	-1.3643	292	-0.2223
191	-0.1863	242	-1.2223	325	0.0067
192	-0.1993	244	-0.8783	326	0.0067
193	-0.1983	245	-0.6793	327	0.0077
194	-0.1913	246	-0.3193	328	0.0087
195	-0.1863	247	-0.1493	329	0.0077
196	-0.2193	248	-0.1263	330	0.0087
197	-0.1853	249	-0.3883	331	0.0077
198	-0.1893	250	-0.3143	332	0.0077
199	-0.1943	251	-0.1763	333	0.0087
200	-0.1893	252	-0.0973	334	0.0087
201	-0.1843	253	0.3177	335	0.0097
202	-0.1903	254	0.1467	336	0.0067
203	-0.1923	255	-1.3853	337	0.0067
204	-0.1883	256	-1.2973	338	0.0067
205	0.1277	257	-1.2213	339	0.0077
206	0.1317	258	-1.0793	340	0.0077
207	0.1727	259	-0.7313	341	0.0077
208	0.1467	260	-0.3243	350	0.0107
210	0.1037	261	-0.1463	351	0.0077
211	0.5387	262	-0.1123	352	0.0087
212	0.7227	263	-0.4273	353	0.0057
213	0.0037	264	-0.2993	354	0.0057
214	0.0037	265	-0.0483	355	0.0047
215	0.0047	266	0.0287		
216	0.0037	267	-0.3723		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1879

TUNNEL = 11

TEST NO. = 086

TEST PHASE = 2

RUN NUMBER = 315.

CONFIGURATION NO. = 15.

ANGLE OF MODEL ROLL(DEG) = 900.0

MACH NUMBER = 0.896

TUNNEL DYNAMIC PRESSURE(PSF) = 683.

TUNNEL STAGNATION PRESSURE(PSF) = 2045.

TUNNEL STATIC PRESSURE(PSF) = 1215.

REYNOLDS NUMBER PER FOOT = 3.9950E 06

MODEL ANGLE OF ATTACK(DEG) = 7.93

FIN ANGLE(DEG) = -0.

FREE-STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 561.

SCANVALUE	CP(REF)
147	-0.4409
247	-0.4409
347	-0.4409
447	-0.4399
547	-0.4449
647	-0.4449
747	-0.4449

ORF	CP	ORF	CP	ORF	CP
1	0.0531	52	-0.2419	102	-0.2859
2	-0.5309	53	-0.5159	103	-0.6179
3	-1.0259	54	-0.5309	104	-0.0269
4	-0.9129	55	-0.9179	105	-0.4159
5	-0.8509	56	-0.6829	110	-0.1099
6	-0.7489	57	-0.5479	111	-0.1439
7	-0.5839	58	-0.3119	112	-0.0799
8	-0.3749	59	-0.1879	113	-0.0989
9	-0.2649	60	-0.1599	114	0.0051
10	-0.2029	61	-0.1869	115	0.0071
11	-0.1639	62	-0.2249	116	0.0071
12	-0.1449	63	-0.3019	117	0.0051
13	-0.1699	64	-0.7199	118	0.0051
14	-0.2959	65	-0.6719	119	0.0061
15	-0.3339	66	-1.0799	120	-0.0879
16	-0.4099	67	-0.7499	121	0.0071
17	-0.6789	68	-0.4339	122	0.0071
18	-0.8519	69	-0.2429	123	0.0071
19	-0.8309	70	-0.2239	124	-0.0249
20	-0.7519	71	-0.2119	125	-0.0619
21	-0.5969	72	-0.2699	126	-0.0399
22	-0.3359	73	-0.3669	127	-0.0469
23	-0.1979	74	-0.6959	128	-0.0029
24	-0.1579	75	-1.0559	129	-0.1179
25	-0.1409	76	-0.8229	135	-0.0079
26	-0.1369	77	-0.6759	136	-0.0129
27	-0.1679	78	-0.3459	137	-0.0059
28	-0.3239	79	-0.1919	138	0.1051
29	-0.3939	80	-0.2149	139	0.1001
30	-0.4729	81	-0.3559	140	0.1041
32	-0.7419	82	-0.6769	141	0.1631
33	-0.7719	83	-0.8249	142	0.1291
34	-0.6969	84	-0.8359	143	0.1871
35	-0.3269	85	-0.7299	145	-0.0179
36	-0.2059	86	-0.5999	147	0.1281
37	-0.1579	87	-0.4909	151	-0.0149
38	-0.1359	88	-0.4979	152	-0.1359
39	-0.1479	89	-0.5149	153	-0.1949
40	-0.1969	90	-0.6769	154	-0.2819
41	-0.3369	91	-0.6239	155	0.1371
42	-0.4509	92	-0.6219	156	0.1721
43	-0.6809	93	-0.6159	157	-0.0379
44	-0.5889	94	-0.5929	158	0.1841
45	-0.6639	95	-0.4809	159	0.2531
46	-0.6979	96	-0.4769	160	0.2161
47	-0.2819	97	-0.6119	161	0.0621
48	-0.1629	98	0.1071	162	0.0901
49	-0.1429	99	0.0651	163	0.1441
50	-0.1469	100	-0.3559	164	0.0941
51	-0.1789	101	-0.3079	165	0.0121

ORF	CP	ORF	CP	ORF	CP
166	0.4491	217	0.0051	268	-0.3269
167	0.3631	218	0.0061	269	0.0071
168	0.3201	219	0.0041	270	0.0341
169	0.1771	220	0.0031	271	-0.3279
170	-0.0179	221	-0.1119	272	-0.3709
171	0.3301	222	-0.2329	273	-0.0699
172	0.0541	223	-0.5309	274	-0.1009
173	0.0351	224	-0.4699	275	0.3221
174	-0.0439	225	0.8251	276	0.3151
175	-0.1549	226	0.5251	277	0.1341
176	-0.2429	227	-1.3369	278	-1.3019
177	-0.1919	228	-1.2489	279	-1.2389
178	-0.4209	229	-1.1529	280	-1.1399
179	-0.3509	230	-0.9789	281	-0.9849
180	-0.2229	231	-0.7849	282	-0.8719
181	0.1471	232	-0.6359	283	-0.7239
182	0.2491	233	-0.1259	284	-0.2669
183	0.0391	234	-0.0309	285	0.0081
184	0.1831	235	-0.4259	286	-0.3229
185	0.2771	236	-0.4019	287	-0.3699
186	0.4031	237	-0.3129	288	-0.2389
187	0.4801	238	-0.2339	289	-0.0849
188	0.5451	239	0.3581	290	0.0711
189	0.5741	240	0.2141	291	-1.2529
190	-0.2279	241	-1.3809	292	-0.2539
191	-0.1789	242	-1.2539	325	0.0191
192	-0.1969	244	-0.8799	326	0.0161
193	-0.2059	245	-0.8029	327	0.0141
194	-0.1989	246	-0.7139	328	0.0151
195	-0.1829	247	-0.2099	329	0.0121
196	-0.2339	248	-0.0929	330	0.0161
197	-0.1999	249	-0.3979	331	0.0171
198	-0.2009	250	-0.3599	332	0.0151
199	-0.2069	251	-0.1889	333	0.0161
200	-0.1999	252	-0.1009	334	0.0141
201	-0.1909	253	0.3541	335	0.0171
202	-0.1979	254	0.1711	336	0.0201
203	-0.1999	255	-1.3989	337	0.0191
204	-0.1939	256	-1.3239	338	0.0161
205	0.2081	257	-1.2579	339	0.0151
206	0.2071	258	-1.1239	340	0.0141
207	0.2681	259	-0.9149	341	0.0121
208	0.2171	260	-0.6319	350	0.0071
210	0.2931	261	-0.2459	351	0.0071
211	0.7601	262	-0.1039	352	0.0061
212	0.9731	263	-0.4409	353	0.0031
213	0.0051	264	-0.2789	354	0.0031
214	0.0031	265	-0.0059	355	0.0051
215	0.0041	266	0.0691		
216	0.0041	267	-0.3699		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1880
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 315.
CONFIGURATION NO. = 15.
ANGLE OF MODEL ROLL(DEG) = 900.0
MACH NUMBER = 0.899
TUNNEL DYNAMIC PRESSURE(PSF) = 685.
TUNNEL STAGNATION PRESSURE(PSF) = 2046.
TUNNEL STATIC PRESSURE(PSF) = 1212.
REYNOLDS NUMBER PER FOOT = 3.9990E 06
MODEL ANGLE OF ATTACK(DEG) = 11.97
FIN ANGLE(DEG) = -0.
FREE-STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 561.

SCANIVALUE	CP(REF)
147	-0.4343
247	-0.4363
347	-0.4353
447	-0.4353
547	-0.4293
647	-0.4293
747	-0.4303

ORF	CP	ORF	CP	ORF	CP
1	0.0597	52	-0.2273	102	-0.2593
2	-0.5333	53	-0.5013	103	-0.6783
3	-1.0113	54	-0.4193	104	-0.0833
4	-0.8903	55	-1.1983	105	-0.4733
5	-0.8453	56	-1.0233	110	-0.1573
6	-0.7763	57	-0.8963	111	-0.1823
7	-0.7053	58	-0.6903	112	-0.1023
8	-0.5353	59	-0.4233	113	-0.1063
9	-0.3533	60	-0.2683	114	0.0077
10	-0.2233	61	-0.1893	115	0.0077
11	-0.1673	62	-0.1823	116	0.0077
12	-0.1343	63	-0.2513	117	0.0097
13	-0.1443	64	-0.6583	118	0.0127
14	-0.2653	65	-0.5973	119	0.0127
15	-0.3043	66	-1.2043	120	-0.0913
16	-0.4733	67	-1.0113	121	0.0067
17	-0.6423	68	-0.8743	122	0.0087
18	-0.8263	69	-0.7633	123	0.0067
19	-0.8313	70	-0.6073	124	-0.0293
20	-0.7833	71	-0.4003	125	-0.0633
21	-0.7223	72	-0.2223	126	-0.0373
22	-0.5823	73	-0.2353	127	-0.0533
23	-0.2943	74	-0.5193	128	-0.0153
24	-0.1833	75	-0.9443	129	-0.1203
25	-0.1373	76	-0.9203	135	-0.0153
26	-0.1203	77	-0.8933	136	-0.0303
27	-0.1513	78	-0.8293	137	-0.0173
28	-0.2963	79	-0.7353	138	0.1107
29	-0.3463	80	-0.6233	139	0.0947
30	-0.6693	81	-0.5363	140	0.1027
32	-0.7363	82	-0.4863	141	0.1407
33	-0.7863	83	-0.7873	142	0.1187
34	-0.7603	84	-0.7613	143	0.2257
35	-0.6203	85	-0.7523	145	-0.0313
36	-0.2753	86	-0.6773	147	0.1107
37	-0.1653	87	-0.6433	151	-0.0043
38	-0.1283	88	-0.5743	152	-0.1503
39	-0.1283	89	-0.5113	153	-0.2483
40	-0.1753	90	-0.6023	154	-0.3493
41	-0.3173	91	-0.5493	155	0.2897
42	-0.3623	92	-0.5333	156	0.1327
43	-1.0283	93	-0.5223	157	-0.0803
44	-0.8413	94	-0.5023	158	0.2027
45	-0.7443	95	-0.4693	159	0.2737
46	-0.7383	96	-0.2223	160	0.2217
47	-0.7203	97	-0.5723	161	0.0447
48	-0.2653	98	0.2117	162	0.2057
49	-0.1713	99	0.1537	163	0.1917
50	-0.1423	100	-0.2963	164	0.0927
51	-0.1663	101	-0.2813	165	0.0117

ORF	CP	ORF	CP	ORF	CP
1	0.0597	52	-0.2273	102	-0.2593
2	-0.5333	53	-0.5013	103	-0.6783
3	-1.0113	54	-0.4193	104	-0.0833
4	-0.8903	55	-1.1983	105	-0.4733
5	-0.8453	56	-1.0233	110	-0.1573
6	-0.7763	57	-0.8963	111	-0.1823
7	-0.7053	58	-0.6903	112	-0.1023
8	-0.5353	59	-0.4233	113	-0.1063
9	-0.3533	60	-0.2683	114	0.0077
10	-0.2233	61	-0.1893	115	0.0077
11	-0.1673	62	-0.1823	116	0.0077
12	-0.1343	63	-0.2513	117	0.0097
13	-0.1443	64	-0.6583	118	0.0127
14	-0.2653	65	-0.5973	119	0.0127
15	-0.3043	66	-1.2043	120	-0.0913
16	-0.4733	67	-1.0113	121	0.0067
17	-0.6423	68	-0.8743	122	0.0087
18	-0.8263	69	-0.7633	123	0.0067
19	-0.8313	70	-0.6073	124	-0.0293
20	-0.7833	71	-0.4003	125	-0.0633
21	-0.7223	72	-0.2223	126	-0.0373
22	-0.5823	73	-0.2353	127	-0.0533
23	-0.2943	74	-0.5193	128	-0.0153
24	-0.1833	75	-0.9443	129	-0.1203
25	-0.1373	76	-0.9203	135	-0.0153
26	-0.1203	77	-0.8933	136	-0.0303
27	-0.1513	78	-0.8293	137	-0.0173
28	-0.2963	79	-0.7353	138	0.1107
29	-0.3463	80	-0.6233	139	0.0947
30	-0.6693	81	-0.5363	140	0.1027
32	-0.7363	82	-0.4863	141	0.1407
33	-0.7863	83	-0.7873	142	0.1187
34	-0.7603	84	-0.7613	143	0.2257
35	-0.6203	85	-0.7523	145	-0.0313
36	-0.2753	86	-0.6773	147	0.1107
37	-0.1653	87	-0.6433	151	-0.0043
38	-0.1283	88	-0.5743	152	-0.1503
39	-0.1283	89	-0.5113	153	-0.2483
40	-0.1753	90	-0.6023	154	-0.3493
41	-0.3173	91	-0.5493	155	0.2897
42	-0.3623	92	-0.5333	156	0.1327
43	-1.0283	93	-0.5223	157	-0.0803
44	-0.8413	94	-0.5023	158	0.2027
45	-0.7443	95	-0.4693	159	0.2737
46	-0.7383	96	-0.2223	160	0.2217
47	-0.7203	97	-0.5723	161	0.0447
48	-0.2653	98	0.2117	162	0.2057
49	-0.1713	99	0.1537	163	0.1917
50	-0.1423	100	-0.2963	164	0.0927
51	-0.1663	101	-0.2813	165	0.0117

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1880
 TUNNEL = 11
 TEST NO. = 086
 TEST PHASE = 2
 RUN NUMBER = 315.
 CONFIGURATION NO. = 15.
 ANGLE OF MODEL ROLL(DEG) = 900.0
 MACH NUMBER = 0.899
 TUNNEL DYNAMIC PRESSURE(PSF) = 685.
 TUNNEL STAGNATION PRESSURE(PSF) = 2046.
 TUNNEL STATIC PRESSURE(PSF) = 1212.
 REYNOLDS NUMBER PER FOOT = 3.9990E 06
 MODEL ANGLE OF ATTACK(DEG) = 11.97
 FIN ANGLE(DEG) = -0.
 FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 561.

SCANIVALUE	CP(REF)
147	-0.4343
247	-0.4363
347	-0.4353
447	-0.4353
547	-0.4293
647	-0.4293
747	-0.4303

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1880
 TUNNEL = 11
 TEST NO. = 086
 TEST PHASE = 2
 RUN NUMBER = 315.
 CONFIGURATION NO. = 15.
 ANGLE OF MODEL ROLL(DEG) = 900.0
 MACH NUMBER = 0.899
 TUNNEL DYNAMIC PRESSURE(PSF) = 685.
 TUNNEL STAGNATION PRESSURE(PSF) = 2046.
 TUNNEL STATIC PRESSURE(PSF) = 1212.
 REYNOLDS NUMBER PER FOOT = 3.9990E 06
 MODEL ANGLE OF ATTACK(DEG) = 11.97
 FIN ANGLE(DEG) = -0.
 FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 561.

SCANIVALUE	CP(REF)
147	-0.4343
247	-0.4363
347	-0.4353
447	-0.4353
547	-0.4293
647	-0.4293
747	-0.4303

ORF	CP	ORF	CP	ORF	CP
1	0.0597	52	-0.2273	102	-0.2593
2	-0.5333	53	-0.5013	103	-0.6783
3	-1.0113	54	-0.4193	104	-0.0833
4	-0.8903	55	-1.1983	105	-0.4733
5	-0.8453	56	-1.0233	110	-0.1573
6	-0.7763	57	-0.8963	111	-0.1823
7	-0.7053	58	-0.6903	112	-0.1023
8	-0.5353	59	-0.4233	113	-0.1063
9	-0.3533	60	-0.2683	114	0.0077
10	-0.2233	61	-0.1893	115	0.0077
11	-0.1673	62	-0.1823	116	0.0077
12	-0.1343	63	-0.2513	117	0.0097
13	-0.1443	64	-0.6583	118	0.0127
14	-0.2653	65	-0.5973	119	0.0127
15	-0.3043	66	-1.2043	120	-0.0913
16	-0.4733	67	-1.0113	121	0.0067
17	-0.6423	68	-0.8743	122	0.0087
18	-0.8263	69	-0.7633	123	0.0067
19	-0.8313	70	-0.6073	124	-0.0293
20	-0.7833	71	-0.4003	125	-0.0633
21	-0.7223	72	-0.2223	126	-0.0373
22	-0.5823	73	-0.2353	127	-0.0533
23	-0.2943	74	-0.5193	128	-0.0153
24	-0.1833	75	-0.9443	129	-0.1203
25	-0.1373	76	-0.9203	135	-0.0153
26	-0.1203	77	-0.8933	136	-0.0303
27	-0.1513	78	-0.8293	137	-0.0173
28	-0.2963	79	-0.7353	138	0.1107
29	-0.3463	80	-0.6233	139	0.0947
30	-0.6693	81	-0.5363	140	0.1027
32	-0.7363	82	-0.4863	141	0.1407
33	-0.7863	83	-0.7873	142	0.1187
34	-0.7603	84	-0.7613	143	0.2257
35	-0.6203	85	-0.7523	145	-0.0313
36	-0.2753	86	-0.6773	147	0.1107
37	-0.1653	87	-0.6433	151	-0.0043
38	-0.1283	88	-0.5743	152	-0.1503
39	-0.1283	89	-0.5113	153	-0.2483
40	-0.1753	90	-0.6023	154	-0.3493
41	-0.3173	91	-0.5493	155	0.2897
42	-0.3623	92	-0.5333	156	0.1327
43	-1.0283	93	-0.5223	157	-0.0803
44	-0.8413	94	-0.5023	158	0.2027
45	-0.7443	95	-0.4693	159	0.2737
46	-0.7383	96	-0.2223	160	0.2217
47	-0.7203	97	-0.5723	161	0.0447
48	-0.2653	98	0.2117	162	0.2057
49	-0.1713	99	0.1537	163	0.1917
50	-0.1423	100	-0.2963	164	0.0927
51	-0.1663	101	-0.2813	165	0.0117

ORF	CP	ORF	CP	ORF	CP
166	0.5347	217	0.0077	268	-0.2613
167	0.3767	218	0.0087	269	0.0867
168	0.3407	219	0.0107	270	0.0807
169	0.1857	220	0.0087	271	-0.2533
170	0.0307	221	-0.1863	272	-0.2913
171	0.3467	222	-0.2403	273	-0.0193
172	0.0567	223	-0.3913	274	-0.0573
173	0.0787	224	-0.2683	275	0.5017
174	-0.0133	225	-0.8877	276	0.3317
175	-0.1483	226	0.5737	277	0.1477
176	-0.2803	227	-1.3123	278	-1.3043
177	-0.2233	228	-1.2213	279	-1.2533
178	-0.4683	229	-1.1193	280	-1.1563
179	-0.2693	230	-0.9223	281	-0.9723
180	-0.2463	231	-0.6973	282	-0.8563
181	0.0027	232	-0.5633	283	-0.7563
182	0.0867	233	-0.0503	284	-0.2723
183	-0.0623	234	0.0077	285	0.0097
184	0.0237	235	-0.4033	286	-0.2563
185	0.1507	236	-0.3583	287	-0.2933
186	0.2677	237	-0.2253	288	-0.1523
187	0.3437	238	-0.1773	289	0.0717
188	0.4437	239	0.4677	290	0.1457
189	0.4687	240	0.3107	291	-1.1933
190	-0.2513	241	-1.3683	292	-0.2453
191	-0.1953	242	-1.2483	325	0.0067
192	-0.2303	244	-0.9913	326	0.0067
193	-0.2273	245	-0.8013	327	0.0057
194	-0.2233	246	-0.6013	328	0.0057
195	-0.1913	247	-0.1293	329	0.0047
196	-0.2673	248	-0.0333	330	0.0027
197	-0.2293	249	-0.3893	331	0.0077
198	-0.2373	250	-0.3083	332	0.0067
199	-0.2463	251	-0.1263	333	0.0077
200	-0.2193	252	-0.0483	334	0.0067
201	-0.2193	253	0.3967	335	0.0037
202	-0.2253	254	0.2137	336	0.0077
203	-0.2343	255	-1.3853	337	0.0077
204	-0.2293	256	-1.3283	338	0.0067
205	0.2717	257	-1.2773	339	0.0067
206	0.2687	258	-1.1673	340	0.0067
207	0.3537	259	-0.9653	341	0.0057
208	0.2867	260	-0.6853	350	0.0117
210	0.4607	261	-0.1863	351	0.0087
211	0.7867	262	-0.0413	352	0.0077
212	0.9937	263	-0.3983	353	0.0077
213	0.0067	264	-0.2243	354	0.0097
214	0.0087	265	0.0697	355	0.0097
215	0.0067	266	0.1497		
216	0.0067	267	-0.3173		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1881
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 315.
CONFIGURATION NO. = 15.
ANGLE OF MODEL ROLL(DEG) = 900.0
MACH NUMBER = 0.899
TUNNEL DYNAMIC PRESSURE(PSF) = 685.
TUNNEL STAGNATION PRESSURE(PSF) = 2047.
TUNNEL STATIC PRESSURE(PSF) = 1212.
REYNOLDS NUMBER PER FOOT = 4.0060E 06
MODEL ANGLE OF ATTACK(DEG) = 0.10
FIN ANGLE(DEG) = -0.
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 561.

SCANIVALUE	CP(REF)
147	-0.4343
247	-0.4373
347	-0.4353
447	-0.4353
547	-0.4293
647	-0.4283
747	-0.4293

ORF	CP	ORF	CP	ORF	CP
1	-0.0853	52	-0.2803	102	-0.2723
2	-0.5423	53	-0.5283	103	-0.5053
3	-0.6363	54	-0.4903	104	-0.0273
4	-0.4203	55	-0.0573	105	-0.3463
5	-0.3053	56	-0.0863	110	-0.0413
6	-0.2563	57	-0.1033	111	-0.0693
7	-0.2233	58	-0.1243	112	-0.0233
8	-0.1983	59	-0.1453	113	-0.0463
9	-0.1973	60	-0.1683	114	0.0207
10	-0.1973	61	-0.2003	115	0.0217
11	-0.1973	62	-0.2393	116	0.0217
12	-0.2033	63	-0.3053	117	0.0237
13	-0.2333	64	-0.7223	118	0.0217
14	-0.3353	65	-0.7103	119	0.0197
15	-0.3193	66	-0.0643	120	-0.0463
16	-0.3983	67	-0.0903	121	0.0207
17	-0.4183	68	-0.1183	122	0.0177
18	-0.2693	69	-0.1463	123	0.0217
19	-0.2303	70	-0.1753	124	0.0147
20	-0.2083	71	-0.2123	125	-0.0093
21	-0.1953	72	-0.2573	126	0.0177
22	-0.1833	73	-0.3443	127	0.0057
23	-0.1843	74	-0.7423	128	0.0417
24	-0.1823	75	-0.0693	129	-0.0773
25	-0.1903	76	-0.1103	135	0.0367
26	-0.2083	77	-0.1483	136	0.0297
27	-0.2433	78	-0.1923	137	0.0397
28	-0.3683	79	-0.2463	138	0.1297
29	-0.3363	80	-0.2883	139	0.1237
30	-0.2403	81	-0.4113	140	0.1307
32	-0.1763	82	-0.7283	141	0.1777
33	-0.1693	83	-0.0973	142	0.1807
34	-0.1643	84	-0.1473	143	0.1777
35	-0.1653	85	-0.2223	145	0.0257
36	-0.1663	86	-0.2493	147	0.1777
37	-0.1743	87	-0.2923	151	-0.0563
38	-0.1863	88	-0.3753	152	-0.1413
39	-0.2063	89	-0.7073	153	-0.1523
40	-0.2513	90	-0.1983	154	-0.1893
41	-0.3673	91	-0.2203	155	-0.0773
42	-0.3743	92	-0.2553	156	0.1217
43	-0.1013	93	-0.2933	157	-0.0193
44	-0.1163	94	-0.3463	158	0.1597
45	-0.1303	95	-0.6613	159	0.2007
46	-0.1353	96	-0.6943	160	0.1537
47	-0.1423	97	-0.6633	161	0.0687
48	-0.1533	98	-0.1133	162	0.1527
49	-0.1673	99	-0.1393	163	0.2007
50	-0.1893	100	-0.3773	164	0.1237
51	-0.2223	101	-0.2983	165	0.0397

ORF	CP	ORF	CP	ORF	CP
166	0.1797	217	0.0207	268	-0.2713
167	0.2077	218	0.0207	269	-0.0533
168	0.1817	219	0.0197	270	0.0137
169	0.0847	220	0.0187	271	-0.2783
170	-0.0953	221	-0.2363	272	-0.3053
171	0.1717	222	-0.2803	273	-0.1793
172	-0.0153	223	-0.4203	274	-0.0683
173	-0.0533	224	-0.4493	275	0.0557
174	-0.0873	225	0.1267	276	0.1787
175	-0.1513	226	-0.0023	277	0.0307
176	-0.2143	227	-1.0453	278	-1.0403
177	-0.1793	228	-0.9203	279	-0.9243
178	-0.2743	229	-0.7793	280	-0.8203
179	-0.3083	230	-0.5333	281	-0.5723
180	-0.1803	231	-0.3453	282	-0.3243
181	0.2967	232	-0.2833	283	-0.2293
182	0.3637	233	-0.2313	284	-0.1803
183	0.2317	234	-0.2153	285	0.0187
184	0.5147	235	-0.2973	286	-0.2813
185	0.6197	236	-0.2713	287	-0.3243
186	0.7217	237	-0.2363	288	-0.1973
187	0.8267	238	-0.1823	289	-0.0823
188	0.8737	239	0.1297	290	0.0287
189	0.9067	240	0.0047	291	-0.7673
190	-0.1953	241	-0.9603	292	-0.1763
191	-0.1683	242	-0.9023	325	0.0107
192	-0.1743	244	-0.6073	326	0.0127
193	-0.1723	245	-0.3633	327	0.0127
194	-0.1663	246	-0.2763	328	0.0127
195	-0.1683	247	-0.2253	329	0.0127
196	-0.1863	248	-0.2083	330	0.0117
197	-0.1663	249	-0.3003	331	0.0127
198	-0.1743	250	-0.2373	332	0.0117
199	-0.1733	251	-0.1633	333	0.0127
200	-0.1693	252	-0.1113	334	0.0127
201	-0.1663	253	0.1767	335	0.0117
202	-0.1693	254	0.0287	336	0.0107
203	-0.1663	255	-1.2363	337	0.0107
204	-0.1613	256	-1.0823	338	0.0127
205	0.0797	257	-0.9053	339	0.0127
206	0.0787	258	-0.6563	340	0.0127
207	0.1137	259	-0.3433	341	0.0127
208	0.0987	260	-0.2433	350	0.0197
210	0.0467	261	-0.1943	351	0.0187
211	0.1657	262	-0.1753	352	0.0177
212	0.2087	263	-0.3433	353	0.0187
213	0.0187	264	-0.2233	354	0.0187
214	0.0197	265	-0.0313	355	0.0207
215	0.0187	266	0.0257		
216	0.0177	267	-0.3193		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1893
 TUNNEL = 11
 TEST NO. = 086
 TEST PHASE = 2
 RUN NUMBER = 317.
 CONFIGURATION NO. = 16.
 ANGLE OF MODEL ROLL(DEG) = 900.0
 MACH NUMBER = 1.347
 TUNNEL DYNAMIC PRESSURE(PSF) = 828.
 TUNNEL STAGNATION PRESSURE(PSF) = 1926.
 TUNNEL STATIC PRESSURE(PSF) = 652.
 REYNOLDS NUMBER PER FOOT = 3.9990E 06
 MODEL ANGLE OF ATTACK(DEG) = 0.14
 FIN ANGLE(DEG) = -0.
 FREE*STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 559.

SCANVALUE	CP(REF)
147	0.3136
247	0.3116
347	0.3126
447	0.3126
547	0.3126
647	0.3116
747	0.3116

ORF	CP	ORF	CP	ORF	CP
1	-0.0894	52	-0.0944	102	-0.0964
2	-0.0924	53	-0.0964	103	-0.0954
3	-0.0954	54	-0.0954	104	-0.0964
4	-0.0944	55	-0.0954	105	-0.0964
5	-0.0934	56	-0.0984	110	-0.0924
6	-0.0924	57	-0.0974	111	-0.0884
7	-0.0944	58	-0.0984	112	-0.0784
8	-0.0924	59	-0.0984	113	-0.0954
9	-0.0944	60	-0.1014	114	-0.0964
10	-0.0944	61	-0.1034	115	-0.0924
11	-0.0944	62	-0.1004	116	-0.0894
12	-0.0944	63	-0.0944	117	-0.0924
13	-0.0964	64	-0.0974	118	-0.0914
14	-0.0954	65	-0.0984	119	-0.0914
15	-0.0934	66	-0.0944	120	-0.1254
16	-0.0954	67	-0.0954	121	-0.0924
17	-0.0944	68	-0.0964	122	-0.0954
18	-0.0954	69	-0.0974	123	-0.0974
19	-0.0954	70	-0.0964	124	-0.0604
20	-0.0924	71	-0.0974	125	-0.0734
21	-0.0944	72	-0.0954	126	-0.0354
22	-0.0944	73	-0.0964	127	-0.0584
23	-0.0974	74	-0.0934	128	-0.0364
24	-0.0964	75	-0.0984	129	-0.1394
25	-0.0974	76	-0.0954	135	-0.0394
26	-0.0974	77	-0.0984	136	-0.0384
27	-0.0994	78	-0.0974	137	-0.0364
28	-0.1014	79	-0.0964	138	0.0156
29	-0.0984	80	-0.0944	139	0.0136
30	-0.0934	81	-0.0934	140	0.0116
32	-0.0924	82	-0.0934	141	0.1376
33	-0.0914	83	-0.0884	142	0.1376
34	-0.0924	84	-0.0914	143	0.1316
35	-0.0924	85	-0.0954	145	-0.0384
36	-0.0954	86	-0.0934	147	0.1376
37	-0.0964	87	-0.0934	151	0.1236
38	-0.0974	88	-0.0914	152	0.0306
39	-0.0944	89	-0.0934	153	-0.1654
40	-0.0974	90	-0.0974	154	-0.2634
41	-0.0964	91	-0.0934	155	0.4196
42	-0.0974	92	-0.0944	156	0.2536
43	-0.0904	93	-0.0934	157	0.1326
44	-0.0944	94	-0.0944	158	0.4646
45	-0.0964	95	-0.0924	159	0.4626
46	-0.0944	96	-0.0954	160	0.4376
47	-0.0944	97	-0.1004	161	0.3336
48	-0.0934	98	-0.0924	162	0.4856
49	-0.0964	99	-0.0974	163	0.5836
50	-0.0934	100	-0.0984	164	0.0146
51	-0.0954	101	-0.0944	165	0.3896

ORF	CP	ORF	CP	ORF	CP
166	0.4566	217	-0.0924	268	0.1276
167	0.4936	218	-0.0914	269	0.1966
168	0.4616	219	-0.0934	270	0.2956
169	0.3436	220	-0.0934	271	-0.0444
170	0.4346	221	-0.0434	272	0.1536
171	0.3096	222	-0.1274	273	0.3106
172	0.1206	223	-0.2884	274	0.3146
173	0.1606	224	-0.2944	275	0.3876
174	0.0266	225	0.2756	276	0.4326
175	-0.0784	226	0.2036	277	0.3526
176	-0.2634	227	-0.3824	278	-0.5434
177	-0.0464	228	-0.2774	279	-0.5174
178	0.0076	229	-0.1704	280	-0.4904
179	0.1406	230	-0.0804	281	-0.4144
180	-0.3194	231	-0.0574	282	-0.3494
181	0.1036	232	-0.0604	283	-0.3094
182	0.3446	233	-0.0754	284	-0.1384
183	0.2776	234	-0.0134	285	-0.0624
184	0.4586	235	-0.1194	286	-0.0174
185	0.6746	236	-0.1064	287	0.1686
186	0.8476	237	-0.1634	288	0.3256
187	0.8526	238	-0.1444	289	0.3106
188	0.9156	239	0.2886	290	0.2246
189	0.9946	240	0.2376	291	-0.3194
190	-0.3144	241	-0.5414	292	0.0826
191	-0.3174	242	-0.4754	325	0.4596
192	-0.3154	244	-0.1744	326	0.4926
193	-0.3154	245	-0.0994	327	0.5016
194	-0.3194	246	-0.0934	328	0.5426
195	-0.3164	247	-0.1074	329	0.5676
196	-0.3194	248	0.0006	330	0.6346
197	-0.3194	249	-0.1224	331	0.8046
198	-0.3184	250	-0.0144	332	0.9426
199	-0.3194	251	0.0336	333	1.1916
200	-0.3224	252	0.0716	334	1.3456
201	-0.3144	253	0.3326	335	1.3566
202	-0.3114	254	0.2536	336	1.3406
203	-0.3104	255	-0.5724	337	1.3726
204	-0.3114	256	-0.5294	338	1.4116
205	0.2036	257	-0.4994	339	1.4406
206	0.2026	258	-0.4084	340	1.4626
207	0.2596	259	-0.2544	341	1.4826
208	0.2196	260	-0.1424	350	-0.0904
210	0.1796	261	-0.1654	351	-0.0884
211	0.2826	262	0.0026	352	-0.0874
212	0.3176	263	-0.1644	353	-0.0874
213	-0.0964	264	0.1156	354	-0.0884
214	-0.0954	265	0.2266	355	-0.0884
215	-0.0944	266	0.2096		
216	-0.0944	267	-0.0984		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1894
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 317.
CONFIGURATION NO. = 16.
ANGLE OF MODEL ROLL(DEG) = 900.0
MACH NUMBER = 1.349
TUNNEL DYNAMIC PRESSURE(PSF) = 833.
TUNNEL STAGNATION PRESSURE(PSF) = 1937.
TUNNEL STATIC PRESSURE(PSF) = 654.
REYNOLDS NUMBER PER FOOT = 4.0030E 06
MODEL ANGLE OF ATTACK(DEG) = -12.10
FIN ANGLE(DEG) = -0.
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 561.

SCANIVALUE	CP(REF)
147	0.3059
247	0.3049
347	0.3049
447	0.3049
547	0.3059
647	0.3059
747	0.3019

ORF	CP	ORF	CP	ORF	CP
1	-0.1231	52	-0.1251	102	-0.1241
2	-0.1251	53	-0.1241	103	-0.1231
3	-0.1221	54	-0.1251	104	-0.1231
4	-0.1231	55	-0.1241	105	-0.1231
5	-0.1211	56	-0.1261	110	-0.2301
6	-0.1221	57	-0.1251	111	-0.2231
7	-0.1211	58	-0.1261	112	-0.2271
8	-0.1231	59	-0.1241	113	-0.2201
9	-0.1211	60	-0.1231	114	-0.1311
10	-0.1231	61	-0.1201	115	-0.1321
11	-0.1221	62	-0.1211	116	-0.1311
12	-0.1241	63	-0.1231	117	-0.1331
13	-0.1251	64	-0.1251	118	-0.1301
14	-0.1241	65	-0.1261	119	-0.1311
15	-0.1221	66	-0.1241	120	-0.2201
16	-0.1251	67	-0.1241	121	-0.1401
17	-0.1221	68	-0.1241	122	-0.1311
18	-0.1231	69	-0.1251	123	-0.1321
19	-0.1231	70	-0.1241	124	-0.1361
20	-0.1231	71	-0.1261	125	-0.1511
21	-0.1231	72	-0.1231	126	-0.1211
22	-0.1241	73	-0.1221	127	-0.1411
23	-0.1251	74	-0.1241	128	-0.1141
24	-0.1221	75	-0.1191	129	-0.2201
25	-0.1241	76	-0.1231	135	-0.1141
26	-0.1231	77	-0.1211	136	-0.1151
27	-0.1211	78	-0.1241	137	-0.1141
28	-0.1191	79	-0.1241	138	0.0009
29	-0.1191	80	-0.1241	139	-0.0031
30	-0.1221	81	-0.1241	140	-0.0021
32	-0.1211	82	-0.1231	141	0.1209
33	-0.1211	83	-0.1231	142	0.1339
34	-0.1231	84	-0.1251	143	0.1439
35	-0.1211	85	-0.1211	145	-0.1181
36	-0.1221	86	-0.1221	147	0.1369
37	-0.1211	87	-0.1201	151	-0.1741
38	-0.1201	88	-0.1211	152	-0.2431
39	-0.1231	89	-0.1211	153	-0.3011
40	-0.1181	90	-0.1251	154	-0.3921
41	-0.1211	91	-0.1221	155	-0.0531
42	-0.1231	92	-0.1231	156	-0.1101
43	-0.1261	93	-0.1221	157	-0.1721
44	-0.1271	94	-0.1221	158	0.3559
45	-0.1241	95	-0.1231	159	0.0219
46	-0.1251	96	-0.1241	160	-0.0731
47	-0.1221	97	-0.1181	161	-0.0741
48	-0.1231	98	-0.1201	162	0.2979
49	-0.1221	99	-0.1191	163	0.2149
50	-0.1241	100	-0.1211	164	-0.0061
51	-0.1231	101	-0.1231	165	-0.0151

ORF	CP	ORF	CP	ORF	CP
166	0.1989	217	-0.1221	268	-0.1041
167	0.2359	218	-0.1211	269	-0.0491
168	0.1619	219	-0.1191	270	0.1669
169	0.0679	220	-0.1201	271	-0.2061
170	0.1389	221	0.1439	272	-0.0611
171	0.1459	222	-0.0261	273	0.1129
172	0.0299	223	-0.3831	274	0.1829
173	0.0989	224	-0.3721	275	0.0439
174	0.0869	225	-0.3791	276	0.1759
175	-0.0301	226	-0.5791	277	0.1049
176	-0.1791	227	-0.6851	278	-0.6021
177	-0.3861	228	-0.6751	279	-0.5871
178	-0.3071	229	-0.6601	280	-0.5661
179	-0.3111	230	-0.6471	281	-0.5041
180	-0.3341	231	-0.5841	282	-0.4651
181	0.3459	232	-0.5131	283	-0.3731
182	0.7239	233	-0.3821	284	-0.2111
183	0.5899	234	-0.3071	285	-0.2111
184	0.8139	235	-0.3241	286	-0.2461
185	0.9769	236	-0.2811	287	-0.1191
186	1.1519	237	-0.3071	288	0.1149
187	1.3019	238	-0.2801	289	0.1369
188	1.4189	239	0.1079	290	0.0119
189	1.4679	240	0.0529	291	-0.0511
190	-0.3241	241	-0.6201	292	0.3439
191	-0.3111	242	-0.5981	325	0.7429
192	-0.3161	244	-0.5561	326	0.8969
193	-0.3181	245	-0.4801	327	0.9479
194	-0.3241	246	-0.4351	328	1.0289
195	-0.3101	247	-0.3301	329	1.0999
196	-0.3271	248	-0.2191	330	1.2119
197	-0.3181	249	-0.2561	331	1.4759
198	-0.3241	250	-0.1721	332	1.4899
199	-0.3251	251	-0.1631	333	1.4609
200	-0.3121	252	-0.1451	334	1.4399
201	-0.2991	253	0.1469	335	1.4209
202	-0.3111	254	0.0769	336	1.3979
203	-0.3071	255	-0.5911	337	1.4109
204	-0.2971	256	-0.5431	338	1.4339
205	0.1139	257	-0.4861	339	1.4549
206	0.1109	258	-0.3801	340	1.4679
207	0.1759	259	-0.3481	341	1.4799
208	0.2109	260	-0.3411	350	-0.1331
210	0.4409	261	-0.2591	351	-0.1321
211	0.6299	262	-0.1941	352	-0.1311
212	0.6839	263	-0.2931	353	-0.1341
213	-0.1231	264	-0.0791	354	-0.1341
214	-0.1231	265	0.0279	355	-0.1361
215	-0.1231	266	-0.0271		
216	-0.1231	267	-0.2931		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1895
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 317.
CONFIGURATION NO. = 16.
ANGLE OF MODEL ROLL(DEG) = 900.0
MACH NUMBER = 1.356
TUNNEL DYNAMIC PRESSURE(PSF) = 836.
TUNNEL STAGNATION PRESSURE(PSF) = 1944.
TUNNEL STATIC PRESSURE(PSF) = 650.
REYNOLDS NUMBER PER FOOT = 4.0150E 06
MODEL ANGLE OF ATTACK(DEG) = -8.10
FIN ANGLE(DEG) = -0.
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 560.

SCANIVALUE	CP(REF)
147	0.3075
247	0.3065
347	0.3075
447	0.3085
547	0.3085
647	0.3085
747	0.3095

ORF	CP	ORF	CP	ORF	CP
1	-0.1175	52	-0.1175	102	-0.1095
2	-0.1175	53	-0.1175	103	-0.1115
3	-0.1185	54	-0.1145	104	-0.1125
4	-0.1145	55	-0.1125	105	-0.1115
5	-0.1165	56	-0.1115	110	-0.1425
6	-0.1155	57	-0.1135	111	-0.1375
7	-0.1155	58	-0.1135	112	-0.1345
8	-0.1145	59	-0.1135	113	-0.1365
9	-0.1135	60	-0.1145	114	-0.1015
10	-0.1165	61	-0.1165	115	-0.1025
11	-0.1175	62	-0.1155	116	-0.1055
12	-0.1145	63	-0.1155	117	-0.1025
13	-0.1135	64	-0.1135	118	-0.1035
14	-0.1125	65	-0.1145	119	-0.1045
15	-0.1155	66	-0.1135	120	-0.1465
16	-0.1095	67	-0.1115	121	-0.1065
17	-0.1105	68	-0.1145	122	-0.1015
18	-0.1125	69	-0.1135	123	-0.1045
19	-0.1145	70	-0.1115	124	-0.0795
20	-0.1115	71	-0.1115	125	-0.0885
21	-0.1125	72	-0.1125	126	-0.0605
22	-0.1115	73	-0.1115	127	-0.0765
23	-0.1115	74	-0.1105	128	-0.0665
24	-0.1125	75	-0.1075	129	-0.1655
25	-0.1125	76	-0.1085	135	-0.0665
26	-0.1135	77	-0.1125	136	-0.0665
27	-0.1135	78	-0.1105	137	-0.0675
28	-0.1165	79	-0.1105	138	0.0045
29	-0.1165	80	-0.1085	139	0.0025
30	-0.1125	81	-0.1105	140	0.0025
32	-0.1095	82	-0.1115	141	0.1355
33	-0.1095	83	-0.1165	142	0.1345
34	-0.1095	84	-0.1175	143	0.1405
35	-0.1085	85	-0.1165	145	-0.0685
36	-0.1095	86	-0.1125	147	0.1335
37	-0.1095	87	-0.1145	151	-0.0915
38	-0.1105	88	-0.1135	152	-0.2175
39	-0.1075	89	-0.1155	153	-0.2485
40	-0.1065	90	-0.1125	154	-0.3615
41	-0.1065	91	-0.1115	155	0.1275
42	-0.1105	92	-0.1155	156	0.0085
43	-0.1175	93	-0.1155	157	-0.0955
44	-0.1185	94	-0.1125	158	0.3465
45	-0.1185	95	-0.1135	159	0.1445
46	-0.1145	96	-0.1115	160	0.1215
47	-0.1165	97	-0.1155	161	0.0695
48	-0.1155	98	-0.1145	162	0.4155
49	-0.1165	99	-0.1135	163	0.3185
50	-0.1145	100	-0.1125	164	0.0005
51	-0.1135	101	-0.1105	165	0.1445

ORF	CP	ORF	CP	ORF	CP
166	0.4285	217	-0.1095	268	-0.0165
167	0.3195	218	-0.1105	269	-0.0165
168	0.2785	219	-0.1045	270	0.2085
169	0.1835	220	-0.1025	271	-0.1555
170	0.3715	221	0.1065	272	0.0085
171	0.2675	222	-0.0635	273	0.1905
172	0.0915	223	-0.3555	274	0.2345
173	0.1055	224	-0.3485	275	0.2445
174	0.0665	225	-0.2435	276	0.2425
175	-0.0985	226	-0.4245	277	0.1585
176	-0.2365	227	-0.6635	278	-0.5855
177	-0.2755	228	-0.6515	279	-0.5675
178	-0.1685	229	-0.6305	280	-0.5415
179	-0.1385	230	-0.6415	281	-0.4675
180	-0.3135	231	-0.5635	282	-0.3425
181	0.1155	232	-0.4835	283	-0.2145
182	0.4295	233	-0.3605	284	-0.1495
183	0.5445	234	-0.2605	285	-0.1885
184	0.7635	235	-0.2755	286	-0.1465
185	1.0085	236	-0.2045	287	-0.0115
186	1.2285	237	-0.2715	288	0.2195
187	1.3785	238	-0.2535	289	0.2905
188	1.4735	239	0.2345	290	0.0385
189	1.5035	240	0.1705	291	0.0865
190	-0.3135	241	-0.5845	292	0.2205
191	-0.3175	242	-0.5405	325	1.0205
192	-0.3115	244	-0.4285	326	1.1785
193	-0.3115	245	-0.2465	327	1.2645
194	-0.3145	246	-0.2335	328	1.3405
195	-0.3115	247	-0.2625	329	1.3945
196	-0.3135	248	-0.1485	330	1.4075
197	-0.3125	249	-0.1965	331	1.4245
198	-0.3165	250	-0.0975	332	1.4365
199	-0.3195	251	-0.0825	333	1.4365
200	-0.3115	252	-0.0715	334	1.4365
201	-0.3035	253	0.2225	335	1.4025
202	-0.3065	254	0.1375	336	1.3535
203	-0.3065	255	-0.5895	337	1.3945
204	-0.3025	256	-0.5585	338	1.4265
205	0.1925	257	-0.5285	339	1.4455
206	0.1975	258	-0.4365	340	1.4595
207	0.2425	259	-0.2675	341	1.4665
208	0.2335	260	-0.1615	350	-0.1015
210	0.3655	261	-0.1945	351	-0.1055
211	0.6165	262	-0.1345	352	-0.1055
212	0.7045	263	-0.2385	353	-0.1035
213	-0.1105	264	-0.0135	354	-0.1045
214	-0.1115	265	0.0735	355	-0.1035
215	-0.1095	266	0.0045		
216	-0.1085	267	-0.2425		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1896
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 317.
CONFIGURATION NO. = 16.
ANGLE OF MODEL ROLL(DEG) = 900.0
MACH NUMBER = 1.348
TUNNEL DYNAMIC PRESSURE(PSF) = 831.
TUNNEL STAGNATION PRESSURE(PSF) = 1933.
TUNNEL STATIC PRESSURE(PSF) = 653.
REYNOLDS NUMBER PER FOOT = 3.9980E 06
MODEL ANGLE OF ATTACK(DEG) = -3.99
FIN ANGLE(DEG) = -0.
FREE-STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 560.

SCANIVALUE	CP(REF)
147	0.3072
247	0.3052
347	0.3062
447	0.3062
547	0.3052
647	0.3052
747	0.1862

ORF	CP	ORF	CP	ORF	CP
1	-0.0998	52	-0.0968	102	-0.0948
2	-0.0998	53	-0.0948	103	-0.0968
3	-0.1028	54	-0.0918	104	-0.0968
4	-0.1028	55	-0.0958	105	-0.0948
5	-0.1018	56	-0.0968	110	-0.1058
6	-0.1008	57	-0.0988	111	-0.1018
7	-0.0988	58	-0.0998	112	-0.0938
8	-0.0998	59	-0.0958	113	-0.1048
9	-0.0988	60	-0.0958	114	-0.0958
10	-0.0958	61	-0.0948	115	-0.0978
11	-0.0928	62	-0.0958	116	-0.0948
12	-0.0908	63	-0.0948	117	-0.0928
13	-0.0898	64	-0.0938	118	-0.0928
14	-0.0918	65	-0.0918	119	-0.0958
15	-0.0928	66	-0.0988	120	-0.1318
16	-0.0928	67	-0.0948	121	-0.0968
17	-0.0948	68	-0.0948	122	-0.0928
18	-0.0968	69	-0.0988	123	-0.0948
19	-0.0918	70	-0.0958	124	-0.0628
20	-0.0928	71	-0.0938	125	-0.0728
21	-0.0978	72	-0.0938	126	-0.0418
22	-0.0938	73	-0.0928	127	-0.0598
23	-0.0958	74	-0.0908	128	-0.0508
24	-0.0968	75	-0.0958	129	-0.1558
25	-0.0968	76	-0.0948	135	-0.0528
26	-0.0938	77	-0.0938	136	-0.0508
27	-0.0938	78	-0.0938	137	-0.0528
28	-0.0928	79	-0.0928	138	0.0082
29	-0.0938	80	-0.0948	139	0.0082
30	-0.0908	81	-0.0938	140	0.0032
32	-0.0888	82	-0.0948	141	0.1322
33	-0.0928	83	-0.0988	142	0.1292
34	-0.0928	84	-0.0988	143	0.1272
35	-0.0938	85	-0.1008	145	-0.0508
36	-0.0908	86	-0.1008	147	0.1282
37	-0.0918	87	-0.1008	151	0.0352
38	-0.0928	88	-0.0988	152	-0.0738
39	-0.0938	89	-0.0998	153	-0.1578
40	-0.0948	90	-0.0898	154	-0.2988
41	-0.0948	91	-0.0898	155	0.2742
42	-0.0958	92	-0.0938	156	0.1442
43	-0.1008	93	-0.0948	157	0.0272
44	-0.1008	94	-0.0978	158	0.3642
45	-0.1038	95	-0.0988	159	0.3202
46	-0.1028	96	-0.0918	160	0.2762
47	-0.1028	97	-0.0938	161	0.1902
48	-0.1008	98	-0.0938	162	0.4312
49	-0.1008	99	-0.0938	163	0.4342
50	-0.1008	100	-0.0938	164	0.0052
51	-0.0998	101	-0.0938	165	0.2562

ORF	CP	ORF	CP	ORF	CP
166	0.5262	217	-0.0978	268	0.0712
167	0.4152	218	-0.0978	269	0.0612
168	0.3862	219	-0.0948	270	0.2262
169	0.2682	220	-0.0978	271	-0.1058
170	0.4682	221	0.0582	272	0.0872
171	0.3322	222	-0.1008	273	0.2402
172	0.1382	223	-0.2978	274	0.2562
173	0.1862	224	-0.3078	275	0.3442
174	0.1062	225	0.0982	276	0.3162
175	-0.1078	226	0.0432	277	0.2352
176	-0.2558	227	-0.5728	278	-0.5758
177	-0.0968	228	-0.5388	279	-0.5568
178	0.0252	229	-0.4658	280	-0.5328
179	0.1172	230	-0.3708	281	-0.4418
180	-0.3148	231	-0.3578	282	-0.2908
181	0.3242	232	-0.2748	283	-0.2018
182	0.5592	233	-0.2478	284	-0.1658
183	0.2952	234	-0.1348	285	-0.1118
184	0.4332	235	-0.1678	286	-0.0868
185	0.5742	236	-0.1468	287	0.0922
186	0.8132	237	-0.1848	288	0.2642
187	0.9722	238	-0.1938	289	0.2852
188	1.1112	239	0.2582	290	0.1122
189	1.2722	240	0.2172	291	-0.1068
190	-0.3148	241	-0.5558	292	0.1192
191	-0.3118	242	-0.5018	325	0.8872
192	-0.3128	244	-0.1988	326	0.9422
193	-0.3168	245	-0.1588	327	0.9602
194	-0.3168	246	-0.1898	328	0.9692
195	-0.3118	247	-0.1788	329	0.9952
196	-0.3128	248	-0.0718	330	1.0192
197	-0.3148	249	-0.1458	331	1.1962
198	-0.3138	250	-0.0598	332	1.3072
199	-0.3158	251	-0.0258	333	1.3812
200	-0.3158	252	-0.0148	334	1.3762
201	-0.3098	253	0.2862	335	1.3522
202	-0.3068	254	0.2052	336	1.3532
203	-0.3068	255	-0.5818	337	1.3902
204	-0.3068	256	-0.5468	338	1.4182
205	0.1872	257	-0.5198	339	1.4472
206	0.1892	258	-0.4148	340	1.4602
207	0.2422	259	-0.2268	341	1.4742
208	0.2132	260	-0.1448	350	-0.0938
210	0.1732	261	-0.1758	351	-0.0958
211	0.4112	262	-0.0738	352	-0.0938
212	0.6392	263	-0.1648	353	-0.0938
213	-0.0938	264	0.0702	354	-0.0948
214	-0.0938	265	0.1352	355	-0.0948
215	-0.0928	266	0.0892		
216	-0.0968	267	-0.1348		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1897
 TUNNEL = 11
 TEST NO. = 086
 TEST PHASE = 2
 RUN NUMBER = 317.
 CONFIGURATION NO. = 16.
 ANGLE OF MODEL ROLL(DEG) = 900.0
 MACH NUMBER = 1.351
 TUNNEL DYNAMIC PRESSURE(PSF) = 831.
 TUNNEL STAGNATION PRESSURE(PSF) = 1932.
 TUNNEL STATIC PRESSURE(PSF) = 650.
 REYNOLDS NUMBER PER FOOT = 4.0010E 06
 MODEL ANGLE OF ATTACK(DEG) = 0.11
 FIN ANGLE(DEG) = -0.
 FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 560.

SCANIVALUE	CP(REF)
147	0.3098
247	0.3078
347	0.3088
447	0.3098
547	0.3088
647	0.3088
747	0.3088

ORF	CP	ORF	CP	ORF	CP
1	-0.0962	52	-0.0962	102	-0.0982
2	-0.0962	53	-0.0992	103	-0.0992
3	-0.0982	54	-0.1022	104	-0.1002
4	-0.0992	55	-0.0992	105	-0.0992
5	-0.0972	56	-0.0992	110	-0.0872
6	-0.0952	57	-0.1002	111	-0.0842
7	-0.0962	58	-0.1022	112	-0.0752
8	-0.0982	59	-0.1012	113	-0.0922
9	-0.0962	60	-0.1022	114	-0.0992
10	-0.0952	61	-0.1002	115	-0.0972
11	-0.0982	62	-0.1002	116	-0.0952
12	-0.1012	63	-0.0972	117	-0.0972
13	-0.0972	64	-0.0972	118	-0.0992
14	-0.0952	65	-0.0982	119	-0.0982
15	-0.0962	66	-0.0992	120	-0.1232
16	-0.0982	67	-0.0952	121	-0.1002
17	-0.0972	68	-0.0962	122	-0.0982
18	-0.0972	69	-0.0982	123	-0.0992
19	-0.0932	70	-0.0992	124	-0.0582
20	-0.0942	71	-0.1002	125	-0.0692
21	-0.0972	72	-0.0972	126	-0.0332
22	-0.0982	73	-0.0962	127	-0.0542
23	-0.0992	74	-0.0992	128	-0.0352
24	-0.0992	75	-0.0992	129	-0.1412
25	-0.1012	76	-0.0982	135	-0.0372
26	-0.0992	77	-0.0972	136	-0.0352
27	-0.1002	78	-0.0972	137	-0.0362
28	-0.0992	79	-0.0982	138	0.0168
29	-0.0992	80	-0.0992	139	0.0188
30	-0.0962	81	-0.0992	140	0.0158
32	-0.0972	82	-0.0992	141	0.1418
33	-0.0972	83	-0.0962	142	0.1388
34	-0.0972	84	-0.0952	143	0.1328
35	-0.0972	85	-0.0972	145	-0.0362
36	-0.0972	86	-0.0972	147	0.1398
37	-0.0962	87	-0.0952	151	0.1198
38	-0.0962	88	-0.0942	152	0.0418
39	-0.0962	89	-0.0982	153	-0.1642
40	-0.0972	90	-0.0962	154	-0.2652
41	-0.0992	91	-0.1002	155	0.4188
42	-0.0992	92	-0.0982	156	0.2438
43	-0.0972	93	-0.0942	157	0.1128
44	-0.0972	94	-0.0962	158	0.4618
45	-0.0992	95	-0.0982	159	0.4688
46	-0.0992	96	-0.0952	160	0.4288
47	-0.0962	97	-0.0992	161	0.3278
48	-0.0952	98	-0.0962	162	0.4838
49	-0.0982	99	-0.0992	163	0.5808
50	-0.1002	100	-0.1002	164	0.0178
51	-0.0972	101	-0.0982	165	0.3898

ORF	CP	ORF	CP	ORF	CP
166	0.4608	217	-0.0962	268	0.1308
167	0.4928	218	-0.0952	269	0.2028
168	0.4688	219	-0.0962	270	0.2958
169	0.3368	220	-0.0952	271	-0.0422
170	0.4328	221	0.0088	272	0.1558
171	0.3008	222	-0.1252	273	0.3068
172	0.1448	223	-0.2822	274	0.3178
173	0.1558	224	-0.2942	275	0.3898
174	0.0418	225	0.2798	276	0.4258
175	-0.0752	226	0.2048	277	0.3548
176	-0.2612	227	-0.4002	278	-0.5392
177	-0.0442	228	-0.2852	279	-0.5132
178	-0.0002	229	-0.1802	280	-0.4862
179	0.1318	230	-0.0762	281	-0.4072
180	-0.3162	231	-0.0572	282	-0.3442
181	0.1088	232	-0.0592	283	-0.2992
182	0.3488	233	-0.0732	284	-0.1342
183	0.2708	234	-0.0132	285	-0.0512
184	0.4778	235	-0.1222	286	-0.0142
185	0.6688	236	-0.1052	287	0.1598
186	0.8488	237	-0.1572	288	0.3158
187	0.8748	238	-0.1422	289	0.3128
188	0.9408	239	0.2908	290	0.2248
189	1.0368	240	0.2338	291	-0.3302
190	-0.3112	241	-0.5412	292	0.0718
191	-0.3132	242	-0.4782	325	0.4708
192	-0.3112	244	-0.1702	326	0.5018
193	-0.3122	245	-0.1032	327	0.5218
194	-0.3142	246	-0.0922	328	0.5458
195	-0.3122	247	-0.1122	329	0.5468
196	-0.3152	248	-0.0032	330	0.5988
197	-0.3152	249	-0.1352	331	0.8258
198	-0.3162	250	-0.0212	332	1.0088
199	-0.3152	251	0.0308	333	1.1968
200	-0.3192	252	0.0598	334	1.3278
201	-0.3102	253	0.3348	335	1.3638
202	-0.3082	254	0.2618	336	1.3498
203	-0.3062	255	-0.5652	337	1.3798
204	-0.3072	256	-0.5242	338	1.4148
205	0.2058	257	-0.4922	339	1.4438
206	0.2008	258	-0.4012	340	1.4658
207	0.2568	259	-0.2532	341	1.4788
208	0.2288	260	-0.1432	350	-0.1002
210	0.1868	261	-0.1432	351	-0.0992
211	0.2828	262	-0.0082	352	-0.0992
212	0.3148	263	-0.1602	353	-0.0992
213	-0.0982	264	0.1098	354	-0.0992
214	-0.0962	265	0.2288	355	-0.1002
215	-0.0942	266	0.2158		
216	-0.0942	267	-0.0912		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1898
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 317.
CONFIGURATION NO. = 16.
ANGLE OF MODEL ROLL(DEG) = 900.0
MACH NUMBER = 1.348
TUNNEL DYNAMIC PRESSURE(PSF) = 831.
TUNNEL STAGNATION PRESSURE(PSF) = 1932.
TUNNEL STATIC PRESSURE(PSF) = 653.
REYNOLDS NUMBER PER FOOT = 4.0010E 06
MODEL ANGLE OF ATTACK(DEG) = 3.98
FIN ANGLE(DEG) = -0.
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 560.

SCANIVALUE	CP(REF)
147	0.3062
247	0.3052
347	0.3052
447	0.3062
547	0.3052
647	0.3052
747	0.3052

ORF	CP	ORF	CP	ORF	CP
1	-0.0998	52	-0.1018	102	-0.1068
2	-0.0978	53	-0.1028	103	-0.1028
3	-0.0988	54	-0.1048	104	-0.1028
4	-0.1028	55	-0.1058	105	-0.1058
5	-0.1048	56	-0.1078	110	-0.1068
6	-0.1008	57	-0.1038	111	-0.1038
7	-0.0988	58	-0.1058	112	-0.0948
8	-0.1008	59	-0.1058	113	-0.1008
9	-0.1018	60	-0.1038	114	-0.1068
10	-0.1018	61	-0.1038	115	-0.1078
11	-0.1018	62	-0.1048	116	-0.1048
12	-0.1028	63	-0.1058	117	-0.1018
13	-0.1038	64	-0.1058	118	-0.1048
14	-0.1048	65	-0.1048	119	-0.1048
15	-0.1048	66	-0.1048	120	-0.1318
16	-0.1048	67	-0.1048	121	-0.1008
17	-0.1028	68	-0.1038	122	-0.1068
18	-0.0998	69	-0.1028	123	-0.1078
19	-0.1008	70	-0.1048	124	-0.0618
20	-0.1028	71	-0.1068	125	-0.0728
21	-0.1038	72	-0.1048	126	-0.0398
22	-0.1048	73	-0.1088	127	-0.0568
23	-0.1048	74	-0.1068	128	-0.0548
24	-0.1018	75	-0.1038	129	-0.1448
25	-0.1038	76	-0.1038	135	-0.0518
26	-0.1048	77	-0.1008	136	-0.0558
27	-0.1028	78	-0.1038	137	-0.0588
28	-0.1018	79	-0.1088	138	0.0122
29	-0.1028	80	-0.1068	139	0.0122
30	-0.1038	81	-0.1038	140	0.0162
32	-0.1048	82	-0.1038	141	0.1292
33	-0.1018	83	-0.0998	142	0.1272
34	-0.1028	84	-0.0978	143	0.1192
35	-0.1038	85	-0.0978	145	-0.0568
36	-0.1058	86	-0.1028	147	0.1292
37	-0.1018	87	-0.1038	151	0.2712
38	-0.0998	88	-0.1008	152	0.1782
39	-0.1028	89	-0.0998	153	-0.0698
40	-0.1028	90	-0.1038	154	-0.1848
41	-0.1008	91	-0.1048	155	0.5922
42	-0.0998	92	-0.1018	156	0.3982
43	-0.1008	93	-0.1018	157	0.2262
44	-0.0988	94	-0.1018	158	0.5682
45	-0.0988	95	-0.1028	159	0.5492
46	-0.1028	96	-0.1048	160	0.4972
47	-0.1048	97	-0.1028	161	0.3842
48	-0.1028	98	-0.1038	162	0.5092
49	-0.1008	99	-0.1038	163	0.5902
50	-0.1028	100	-0.1028	164	0.0112
51	-0.1028	101	-0.1048	165	0.3962

ORF	CP	ORF	CP	ORF	CP
166	0.4622	217	-0.1018	268	0.1842
167	0.4852	218	-0.1028	269	0.3282
168	0.4732	219	-0.1038	270	0.3802
169	0.3452	220	-0.1038	271	0.0012
170	0.4322	221	0.0382	272	0.2112
171	0.3262	222	-0.1038	273	0.3782
172	0.1642	223	-0.3038	274	0.3832
173	0.2102	224	-0.3108	275	0.4722
174	0.0872	225	0.5162	276	0.4882
175	-0.0138	226	0.4022	277	0.3962
176	-0.2038	227	-0.4598	278	-0.5428
177	0.1102	228	-0.3498	279	-0.5038
178	0.0442	229	-0.1858	280	-0.4698
179	0.1642	230	-0.0308	281	-0.3478
180	-0.3238	231	-0.0198	282	-0.2458
181	-0.0678	232	-0.0058	283	-0.2028
182	0.2022	233	-0.0468	284	-0.1558
183	0.4422	234	0.0312	285	-0.0698
184	0.6852	235	-0.0818	286	0.0042
185	0.8512	236	-0.0858	287	0.2272
186	0.9302	237	-0.1158	288	0.3612
187	1.0012	238	-0.0878	289	0.3512
188	1.0642	239	0.4662	290	0.3592
189	1.1222	240	0.4202	291	-0.5018
190	-0.3178	241	-0.4988	292	0.0052
191	-0.3258	242	-0.4108	325	0.3042
192	-0.3178	244	-0.1828	326	0.3292
193	-0.3178	245	-0.0938	327	0.3232
194	-0.3218	246	-0.1108	328	0.3362
195	-0.3168	247	-0.0938	329	0.2982
196	-0.3258	248	0.0422	330	0.2902
197	-0.3228	249	-0.1078	331	0.3532
198	-0.3228	250	-0.0208	332	0.4562
199	-0.3238	251	0.1372	333	0.7832
200	-0.3258	252	0.1852	334	1.3222
201	-0.3158	253	0.5812	335	1.3492
202	-0.3158	254	0.5062	336	1.3172
203	-0.3148	255	-0.5108	337	1.3462
204	-0.3138	256	-0.4628	338	1.4032
205	0.2332	257	-0.4248	339	1.4272
206	0.2362	258	-0.3668	340	1.4572
207	0.3082	259	-0.3098	341	1.4722
208	0.2742	260	-0.2388	350	-0.1058
210	0.2122	261	-0.1068	351	-0.1048
211	0.6312	262	0.0042	352	-0.1038
212	0.8132	263	-0.0858	353	-0.1018
213	-0.1028	264	0.1832	354	-0.1028
214	-0.1028	265	0.3232	355	-0.1028
215	-0.1008	266	0.3442		
216	-0.1038	267	-0.0168		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1899
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 317.
CONFIGURATION NO. = 16.
ANGLE OF MODEL ROLL(DEG) = 900.0
MACH NUMBER = 1.350
TUNNEL DYNAMIC PRESSURE(PSF) = 832.
TUNNEL STAGNATION PRESSURE(PSF) = 1936.
TUNNEL STATIC PRESSURE(PSF) = 652.
REYNOLDS NUMBER PER FOOT = 4.0010E 06
MODEL ANGLE OF ATTACK(DEG) = 7.94
FIN ANGLE(DEG) = -0.
FREE*STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 561.

SCANIVALUE	CP(REF)
147	0.3043
247	0.3033
347	0.3053
447	0.3053
547	0.3053
647	0.3053
747	0.2723

ORF	CP	ORF	CP	ORF	CP
1	-0.1177	52	-0.1167	102	-0.1127
2	-0.1147	53	-0.1197	103	-0.1157
3	-0.1147	54	-0.1187	104	-0.1167
4	-0.1187	55	-0.1157	105	-0.1167
5	-0.1197	56	-0.1157	110	-0.1467
6	-0.1167	57	-0.1187	111	-0.1417
7	-0.1167	58	-0.1187	112	-0.1317
8	-0.1137	59	-0.1177	113	-0.1247
9	-0.1157	60	-0.1197	114	-0.1127
10	-0.1167	61	-0.1187	115	-0.1137
11	-0.1177	62	-0.1147	116	-0.1157
12	-0.1177	63	-0.1157	117	-0.1157
13	-0.1167	64	-0.1177	118	-0.1137
14	-0.1177	65	-0.1177	119	-0.1127
15	-0.1157	66	-0.1167	120	-0.1507
16	-0.1167	67	-0.1177	121	-0.1197
17	-0.1177	68	-0.1187	122	-0.1167
18	-0.1187	69	-0.1187	123	-0.1147
19	-0.1177	70	-0.1197	124	-0.0677
20	-0.1177	71	-0.1177	125	-0.0847
21	-0.1167	72	-0.1187	126	-0.0567
22	-0.1157	73	-0.1187	127	-0.0717
23	-0.1137	74	-0.1187	128	-0.0777
24	-0.1177	75	-0.1187	129	-0.1547
25	-0.1177	76	-0.1187	135	-0.0767
26	-0.1177	77	-0.1197	136	-0.0787
27	-0.1197	78	-0.1187	137	-0.0787
28	-0.1177	79	-0.1187	138	0.0083
29	-0.1137	80	-0.1167	139	0.0113
30	-0.1177	81	-0.1157	140	0.0163
32	-0.1177	82	-0.1157	141	0.1173
33	-0.1157	83	-0.1157	142	0.0993
34	-0.1147	84	-0.1137	143	0.1363
35	-0.1157	85	-0.1137	145	-0.0797
36	-0.1177	86	-0.1147	147	0.0963
37	-0.1167	87	-0.1167	151	0.2503
38	-0.1177	88	-0.1147	152	0.1193
39	-0.1177	89	-0.1147	153	-0.0357
40	-0.1177	90	-0.1167	154	-0.1827
41	-0.1177	91	-0.1167	155	0.4843
42	-0.1177	92	-0.1167	156	0.3533
43	-0.1187	93	-0.1147	157	0.2113
44	-0.1157	94	-0.1137	158	0.5633
45	-0.1157	95	-0.1127	159	0.5833
46	-0.1177	96	-0.1147	160	0.5483
47	-0.1187	97	-0.1167	161	0.4283
48	-0.1177	98	-0.1137	162	0.6153
49	-0.1177	99	-0.1127	163	0.7243
50	-0.1137	100	-0.1167	164	0.0073
51	-0.1167	101	-0.1137	165	0.5003

ORF	CP	ORF	CP	ORF	CP
166	0.6793	217	-0.1187	268	0.2533
167	0.6663	218	-0.1167	269	0.2593
168	0.6303	219	-0.1167	270	0.4073
169	0.4923	220	-0.1147	271	0.0673
170	0.6263	221	0.0653	272	0.2773
171	0.5133	222	-0.0827	273	0.4203
172	0.3083	223	-0.3597	274	0.4433
173	0.3133	224	-0.3587	275	0.5303
174	0.2383	225	0.5963	276	0.5683
175	-0.0157	226	0.5623	277	0.4823
176	-0.1527	227	-0.2377	278	-0.5047
177	0.1063	228	-0.0457	279	-0.4537
178	0.2153	229	0.0783	280	-0.4087
179	0.3163	230	0.1113	281	-0.2967
180	-0.3417	231	0.0603	282	-0.2297
181	-0.1437	232	0.0283	283	-0.1847
182	0.2343	233	-0.0167	284	-0.1267
183	0.2923	234	0.0253	285	-0.0067
184	0.4893	235	-0.0577	286	0.0593
185	0.6563	236	-0.0557	287	0.2783
186	0.7903	237	-0.0417	288	0.4413
187	0.8223	238	-0.0067	289	0.4623
188	0.8493	239	0.6653	290	0.3073
189	0.8453	240	0.6453	291	-0.6317
190	-0.3267	241	-0.4547	292	-0.0327
191	-0.3387	242	-0.3707	325	0.2553
192	-0.3267	244	-0.2837	326	0.2663
193	-0.3277	245	-0.2027	327	0.2563
194	-0.3317	246	-0.0737	328	0.2283
195	-0.3237	247	-0.0307	329	0.1723
196	-0.3347	248	0.0313	330	0.1733
197	-0.3327	249	-0.0507	331	0.2753
198	-0.3367	250	0.0663	332	0.4073
199	-0.3397	251	0.1963	333	0.5843
200	-0.3297	252	0.2143	334	1.0913
201	-0.3227	253	0.5833	335	1.2893
202	-0.3237	254	0.4803	336	1.2483
203	-0.3257	255	-0.5207	337	1.2933
204	-0.3247	256	-0.4557	338	1.3433
205	0.2443	257	-0.3967	339	1.3943
206	0.2423	258	-0.2807	340	1.4273
207	0.3253	259	-0.2137	341	1.4433
208	0.2933	260	-0.1907	350	-0.1137
210	0.3763	261	-0.1097	351	-0.1147
211	0.7683	262	0.0623	352	-0.1147
212	0.9113	263	0.0033	353	-0.1147
213	-0.1167	264	0.2383	354	-0.1137
214	-0.1187	265	0.3173	355	-0.1137
215	-0.1197	266	0.2823		
216	-0.1197	267	0.0413		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1900
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 317.
CONFIGURATION NO. = 16.
ANGLE OF MODEL ROLL(DEG) = 900.0
MACH NUMBER = 1.347
TUNNEL DYNAMIC PRESSURE(PSF) = 836.
TUNNEL STAGNATION PRESSURE(PSF) = 1945.
TUNNEL STATIC PRESSURE(PSF) = 658.
REYNOLDS NUMBER PER FOOT = 4.0160E 06
MODEL ANGLE OF ATTACK(DEG) = 11.94
FIN ANGLE(DEG) = -0.
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 561.

SCANVALUE	CP(REF)
147	0.2969
247	0.2959
347	0.2959
447	0.2959
547	0.2979
647	0.2969
747	0.2969

ORF	CP	ORF	CP	ORF	CP
1	-0.1351	52	-0.1361	102	-0.1361
2	-0.1351	53	-0.1371	103	-0.1341
3	-0.1371	54	-0.1371	104	-0.1341
4	-0.1391	55	-0.1371	105	-0.1351
5	-0.1361	56	-0.1371	110	-0.2131
6	-0.1351	57	-0.1371	111	-0.2141
7	-0.1371	58	-0.1361	112	-0.2101
8	-0.1371	59	-0.1371	113	-0.1921
9	-0.1361	60	-0.1391	114	-0.1361
10	-0.1341	61	-0.1371	115	-0.1361
11	-0.1351	62	-0.1361	116	-0.1351
12	-0.1361	63	-0.1361	117	-0.1341
13	-0.1361	64	-0.1361	118	-0.1351
14	-0.1341	65	-0.1371	119	-0.1341
15	-0.1341	66	-0.1381	120	-0.1921
16	-0.1361	67	-0.1391	121	-0.1411
17	-0.1361	68	-0.1371	122	-0.1361
18	-0.1361	69	-0.1381	123	-0.1351
19	-0.1361	70	-0.1381	124	-0.1081
20	-0.1371	71	-0.1381	125	-0.1361
21	-0.1371	72	-0.1371	126	-0.1021
22	-0.1371	73	-0.1371	127	-0.1211
23	-0.1361	74	-0.1371	128	-0.1121
24	-0.1351	75	-0.1341	129	-0.1991
25	-0.1341	76	-0.1391	135	-0.1101
26	-0.1361	77	-0.1381	136	-0.1141
27	-0.1371	78	-0.1381	137	-0.1141
28	-0.1361	79	-0.1371	138	0.0089
29	-0.1341	80	-0.1371	139	-0.0001
30	-0.1351	81	-0.1361	140	0.0059
32	-0.1361	82	-0.1361	141	0.1199
33	-0.1351	83	-0.1361	142	0.0879
34	-0.1351	84	-0.1351	143	0.1369
35	-0.1351	85	-0.1351	145	-0.1161
36	-0.1351	86	-0.1381	147	0.0749
37	-0.1371	87	-0.1351	151	0.3489
38	-0.1371	88	-0.1341	152	0.2379
39	-0.1371	89	-0.1351	153	-0.0061
40	-0.1331	90	-0.1361	154	-0.1751
41	-0.1331	91	-0.1351	155	0.7189
42	-0.1331	92	-0.1351	156	0.4269
43	-0.1371	93	-0.1341	157	0.2439
44	-0.1371	94	-0.1351	158	0.7589
45	-0.1371	95	-0.1361	159	0.6339
46	-0.1401	96	-0.1341	160	0.5629
47	-0.1371	97	-0.1361	161	0.4529
48	-0.1361	98	-0.1341	162	0.7479
49	-0.1381	99	-0.1341	163	0.7619
50	-0.1381	100	-0.1371	164	0.0019
51	-0.1371	101	-0.1361	165	0.5069

ORF	CP	ORF	CP	ORF	CP
166	0.7409	217	-0.1361	268	0.3199
167	0.6549	218	-0.1351	269	0.4149
168	0.6269	219	-0.1341	270	0.5649
169	0.4939	220	-0.1341	271	0.1419
170	0.6719	221	-0.0071	272	0.3279
171	0.5099	222	-0.1601	273	0.5589
172	0.3109	223	-0.3921	274	0.5889
173	0.3369	224	-0.3791	275	0.5419
174	0.2369	225	0.9539	276	0.6869
175	0.0369	226	0.9119	277	0.5999
176	-0.1141	227	-0.3641	278	-0.4861
177	0.0979	228	-0.2371	279	-0.4371
178	0.1239	229	-0.1331	280	-0.4001
179	0.2949	230	0.0239	281	-0.3081
180	-0.3511	231	0.1019	282	-0.2551
181	-0.1711	232	0.0779	283	-0.1931
182	0.1959	233	0.0299	284	-0.0771
183	0.1739	234	-0.0051	285	0.0709
184	0.3829	235	-0.0581	286	0.1269
185	0.5709	236	0.0429	287	0.3299
186	0.6689	237	0.0479	288	0.5679
187	0.6859	238	0.0689	289	0.5889
188	0.6729	239	0.6119	290	0.4559
189	0.6449	240	0.5459	291	-0.6631
190	-0.3441	241	-0.4621	292	-0.1091
191	-0.3481	242	-0.3411	325	0.0349
192	-0.3441	244	-0.0481	326	0.0779
193	-0.3431	245	-0.0831	327	0.0569
194	-0.3471	246	-0.0661	328	0.0459
195	-0.3301	247	-0.0211	329	0.0229
196	-0.3571	248	0.1429	330	0.0039
197	-0.3461	249	0.0189	331	0.0639
198	-0.3481	250	0.1469	332	0.1569
199	-0.3541	251	0.2389	333	0.3649
200	-0.3451	252	0.2629	334	0.7059
201	-0.3351	253	0.6789	335	0.9899
202	-0.3381	254	0.5959	336	1.0319
203	-0.3411	255	-0.5001	337	1.0809
204	-0.3391	256	-0.4481	338	1.1889
205	0.2739	257	-0.4111	339	1.2789
206	0.2619	258	-0.3591	340	1.3189
207	0.3569	259	-0.2911	341	1.3459
208	0.3129	260	-0.2041	350	-0.1341
210	0.4889	261	-0.0291	351	-0.1341
211	0.7859	262	0.1459	352	-0.1371
212	0.9759	263	0.0549	353	-0.1361
213	-0.1361	264	0.3219	354	-0.1371
214	-0.1341	265	0.4409	355	-0.1341
215	-0.1341	266	0.4339		
216	-0.1361	267	0.1129		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1901
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 318.
CONFIGURATION NO. = 16.
ANGLE OF MODEL ROLL(DEG) = 900.0
MACH NUMBER = 1.194
TUNNEL DYNAMIC PRESSURE(PSF) = 789.
TUNNEL STAGNATION PRESSURE(PSF) = 1902.
TUNNEL STATIC PRESSURE(PSF) = 790.
REYNOLDS NUMBER PER FOOT = 3.9880E 06
MODEL ANGLE OF ATTACK(DEG) = -12.08
FIN ANGLE(DEG) = -0.
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 558.

SCANIVALUE	CP(REF)
147	0.1467
247	0.1457
347	0.1467
447	0.1467
547	0.1457
647	0.1457
747	0.1457

ORF	CP	ORF	CP	ORF	CP
1	-0.1343	52	-0.1373	102	-0.1363
2	-0.1363	53	-0.1373	103	-0.1373
3	-0.1383	54	-0.1373	104	-0.1383
4	-0.1383	55	-0.1383	105	-0.1383
5	-0.1353	56	-0.1383	110	-0.2123
6	-0.1363	57	-0.1383	111	-0.2333
7	-0.1353	58	-0.1383	112	-0.1973
8	-0.1353	59	-0.1393	113	-0.1863
9	-0.1353	60	-0.1383	114	-0.1333
10	-0.1363	61	-0.1393	115	-0.1333
11	-0.1363	62	-0.1393	116	-0.1343
12	-0.1353	63	-0.1373	117	-0.1353
13	-0.1353	64	-0.1363	118	-0.1353
14	-0.1343	65	-0.1373	119	-0.1343
15	-0.1363	66	-0.1373	120	-0.2063
16	-0.1343	67	-0.1363	121	-0.1383
17	-0.1353	68	-0.1373	122	-0.1353
18	-0.1343	69	-0.1363	123	-0.1343
19	-0.1353	70	-0.1373	124	-0.0963
20	-0.1353	71	-0.1363	125	-0.1173
21	-0.1353	72	-0.1363	126	-0.0713
22	-0.1363	73	-0.1373	127	-0.0923
23	-0.1353	74	-0.1373	128	-0.0883
24	-0.1373	75	-0.1373	129	-0.2253
25	-0.1373	76	-0.1373	135	-0.0803
26	-0.1373	77	-0.1393	136	-0.0843
27	-0.1363	78	-0.1383	137	-0.0843
28	-0.1383	79	-0.1393	138	0.0447
29	-0.1383	80	-0.1393	139	0.0367
30	-0.1343	81	-0.1383	140	0.0447
32	-0.1363	82	-0.1393	141	0.2097
33	-0.1363	83	-0.1353	142	0.1947
34	-0.1373	84	-0.1373	143	0.2147
35	-0.1363	85	-0.1383	145	-0.0813
36	-0.1383	86	-0.1383	147	0.1957
37	-0.1373	87	-0.1363	151	-0.1523
38	-0.1373	88	-0.1363	152	-0.2363
39	-0.1353	89	-0.1353	153	-0.3133
40	-0.1353	90	-0.1353	154	-0.3663
41	-0.1343	91	-0.1363	155	0.0167
42	-0.1373	92	-0.1353	156	-0.1253
43	-0.1373	93	-0.1363	157	-0.2253
44	-0.1383	94	-0.1363	158	0.1737
45	-0.1393	95	-0.1363	159	-0.0533
46	-0.1393	96	-0.1343	160	-0.0903
47	-0.1373	97	-0.1383	161	-0.1393
48	-0.1373	98	-0.1363	162	0.2117
49	-0.1373	99	-0.1393	163	0.0987
50	-0.1373	100	-0.1373	164	0.0377
51	-0.1373	101	-0.1363	165	-0.0973

ORF	CP	ORF	CP	ORF	CP
166	0.2007	217	-0.1363	268	-0.1263
167	0.0957	218	-0.1353	269	-0.0213
168	0.0387	219	-0.1373	270	0.0917
169	-0.0573	220	-0.1363	271	-0.3053
170	0.0177	221	0.0457	272	-0.1053
171	0.0087	222	0.0257	273	0.0637
172	-0.1243	223	-0.4873	274	0.1107
173	0.0527	224	-0.4683	275	0.0217
174	-0.0423	225	-0.5233	276	0.1277
175	-0.1673	226	-0.7553	277	0.0407
176	-0.2993	227	-0.8573	278	-0.7573
177	-0.3463	228	-0.8543	279	-0.7013
178	-0.3193	229	-0.8453	280	-0.6123
179	-0.2813	230	-0.8333	281	-0.4523
180	-0.3703	231	-0.7253	282	-0.3203
181	0.3117	232	-0.5703	283	-0.2393
182	0.6707	233	-0.4983	284	-0.2603
183	0.5787	234	-0.3903	285	-0.2243
184	0.7757	235	-0.4123	286	-0.3103
185	0.9387	236	-0.3593	287	-0.0973
186	1.0997	237	-0.3753	288	0.0777
187	1.2577	238	-0.3513	289	0.1457
188	1.3457	239	0.0217	290	0.0117
189	1.3757	240	-0.1013	291	-0.4373
190	-0.3543	241	-0.7953	292	0.3827
191	-0.3373	242	-0.7693	325	0.7367
192	-0.3463	244	-0.7463	326	0.9137
193	-0.3443	245	-0.6133	327	1.0027
194	-0.3463	246	-0.5103	328	1.0577
195	-0.3373	247	-0.4043	329	1.1267
196	-0.3493	248	-0.2973	330	1.2057
197	-0.3443	249	-0.2973	331	1.3367
198	-0.3513	250	-0.2513	332	1.3827
199	-0.3503	251	-0.2223	333	1.3727
200	-0.3403	252	-0.1823	334	1.3497
201	-0.3283	253	0.1357	335	1.3167
202	-0.3413	254	0.0417	336	1.3227
203	-0.3363	255	-0.7703	337	1.3427
204	-0.3223	256	-0.7133	338	1.3567
205	0.0587	257	-0.6413	339	1.3677
206	0.0627	258	-0.4773	340	1.3777
207	0.1177	259	-0.3323	341	1.3847
208	0.1457	260	-0.2623	350	-0.1343
210	0.4687	261	-0.3083	351	-0.1353
211	0.7137	262	-0.2093	352	-0.1363
212	0.7857	263	-0.3673	353	-0.1363
213	-0.1373	264	-0.1303	354	-0.1353
214	-0.1363	265	0.0037	355	-0.1353
215	-0.1373	266	-0.0003		
216	-0.1373	267	-0.3373		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1902
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 318.
CONFIGURATION NO. = 16.
ANGLE OF MODEL ROLL(DEG) = 900.0
MACH NUMBER = 1.198
TUNNEL DYNAMIC PRESSURE(PSF) = 792.
TUNNEL STAGNATION PRESSURE(PSF) = 1906.
TUNNEL STATIC PRESSURE(PSF) = 788.
REYNOLDS NUMBER PER FOOT = 3.9910E 06
MODEL ANGLE OF ATTACK(DEG) = -8.09
FIN ANGLE(DEG) = -0.
FREE*STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 558.

SCANIVALUE	CP(REF)
147	0.1501
247	0.1481
347	0.1481
447	0.1491
547	0.1491
647	0.1481
747	0.1481

ORF	CP	ORF	CP	ORF	CP
1	-0.1219	52	-0.1219	102	-0.1209
2	-0.1229	53	-0.1229	103	-0.1199
3	-0.1249	54	-0.1209	104	-0.1199
4	-0.1229	55	-0.1209	105	-0.1209
5	-0.1239	56	-0.1209	110	-0.1809
6	-0.1209	57	-0.1199	111	-0.1849
7	-0.1199	58	-0.1209	112	-0.1749
8	-0.1209	59	-0.1219	113	-0.1669
9	-0.1189	60	-0.1209	114	-0.1189
10	-0.1209	61	-0.1199	115	-0.1169
11	-0.1219	62	-0.1219	116	-0.1179
12	-0.1199	63	-0.1219	117	-0.1169
13	-0.1219	64	-0.1229	118	-0.1169
14	-0.1219	65	-0.1229	119	-0.1179
15	-0.1209	66	-0.1209	120	-0.1589
16	-0.1219	67	-0.1219	121	-0.1189
17	-0.1219	68	-0.1219	122	-0.1169
18	-0.1199	69	-0.1219	123	-0.1179
19	-0.1209	70	-0.1219	124	-0.0629
20	-0.1219	71	-0.1239	125	-0.0849
21	-0.1199	72	-0.1239	126	-0.0339
22	-0.1199	73	-0.1239	127	-0.0659
23	-0.1199	74	-0.1219	128	-0.0429
24	-0.1189	75	-0.1219	129	-0.1889
25	-0.1199	76	-0.1219	135	-0.0419
26	-0.1219	77	-0.1209	136	-0.0439
27	-0.1209	78	-0.1199	137	-0.0389
28	-0.1189	79	-0.1209	138	0.0371
29	-0.1209	80	-0.1209	139	0.0461
30	-0.1229	81	-0.1219	140	0.0571
32	-0.1199	82	-0.1209	141	0.2111
33	-0.1209	83	-0.1229	142	0.2031
34	-0.1209	84	-0.1239	143	0.2121
35	-0.1199	85	-0.1239	145	-0.0519
36	-0.1189	86	-0.1219	147	0.1971
37	-0.1189	87	-0.1229	151	-0.1439
38	-0.1199	88	-0.1209	152	-0.2709
39	-0.1209	89	-0.1199	153	-0.3289
40	-0.1209	90	-0.1229	154	-0.4039
41	-0.1219	91	-0.1219	155	0.1001
42	-0.1199	92	-0.1219	156	-0.0859
43	-0.1229	93	-0.1209	157	-0.1959
44	-0.1239	94	-0.1199	158	0.2811
45	-0.1249	95	-0.1199	159	0.0611
46	-0.1239	96	-0.1219	160	0.0261
47	-0.1239	97	-0.1199	161	-0.0329
48	-0.1209	98	-0.1219	162	0.3411
49	-0.1199	99	-0.1209	163	0.2451
50	-0.1209	100	-0.1209	164	0.0461
51	-0.1209	101	-0.1199	165	0.0461

ORF	CP	ORF	CP	ORF	CP
166	0.4011	217	-0.1209	268	-0.0649
167	0.2131	218	-0.1179	269	-0.0249
168	0.1821	219	-0.1189	270	0.1671
169	0.0751	220	-0.1189	271	-0.2299
170	0.2471	221	0.0481	272	-0.0389
171	0.1631	222	-0.0409	273	0.1541
172	-0.0389	223	-0.4139	274	0.1991
173	0.0551	224	-0.4109	275	0.1281
174	-0.0009	225	-0.3969	276	0.2391
175	-0.1689	226	-0.5879	277	0.1381
176	-0.3779	227	-0.8239	278	-0.7599
177	-0.3729	228	-0.8149	279	-0.7289
178	-0.2519	229	-0.7979	280	-0.6869
179	-0.2199	230	-0.7879	281	-0.5539
180	-0.3449	231	-0.6699	282	-0.3269
181	0.2361	232	-0.5439	283	-0.1999
182	0.5641	233	-0.4119	284	-0.2209
183	0.5321	234	-0.2559	285	-0.1599
184	0.7491	235	-0.2769	286	-0.2299
185	0.9321	236	-0.2409	287	-0.0279
186	1.1111	237	-0.3129	288	0.1931
187	1.2151	238	-0.3039	289	0.2561
188	1.3311	239	0.1841	290	0.0251
189	1.3691	240	0.0861	291	-0.3669
190	-0.3449	241	-0.7859	292	0.3211
191	-0.3429	242	-0.7449	325	0.7071
192	-0.3429	244	-0.5449	326	0.8241
193	-0.3449	245	-0.2879	327	0.9021
194	-0.3469	246	-0.2979	328	1.0061
195	-0.3429	247	-0.2719	329	1.0951
196	-0.3469	248	-0.2029	330	1.1871
197	-0.3449	249	-0.2289	331	1.3081
198	-0.3469	250	-0.1909	332	1.3761
199	-0.3479	251	-0.1709	333	1.3881
200	-0.3389	252	-0.1459	334	1.3761
201	-0.3289	253	0.1921	335	1.3411
202	-0.3409	254	0.1021	336	1.3131
203	-0.3409	255	-0.7489	337	1.3321
204	-0.3339	256	-0.6859	338	1.3541
205	0.1621	257	-0.6099	339	1.3721
206	0.1661	258	-0.4259	340	1.3821
207	0.2141	259	-0.2419	341	1.3881
208	0.1941	260	-0.2129	350	-0.1189
210	0.4441	261	-0.2309	351	-0.1179
211	0.5101	262	-0.1509	352	-0.1179
212	0.5941	263	-0.2439	353	-0.1179
213	-0.1229	264	-0.0729	354	-0.1189
214	-0.1219	265	0.0401	355	-0.1189
215	-0.1219	266	-0.0119		
216	-0.1219	267	-0.2599		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1903
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 318.
CONFIGURATION NO. = 16.
ANGLE OF MODEL ROLL(DEG) = 900.0
MACH NUMBER = 1.198
TUNNEL DYNAMIC PRESSURE(PSF) = 795.
TUNNEL STAGNATION PRESSURE(PSF) = 1915.
TUNNEL STATIC PRESSURE(PSF) = 791.
REYNOLDS NUMBER PER FOOT = 4.0060E 06
MODEL ANGLE OF ATTACK(DEG) = -3.99
FIN ANGLE(DEG) = -0.
FREE-STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 559.

SCANIVALUE	CP(REF)
147	0.1430
247	0.1420
347	0.1430
447	0.1430
547	0.1390
647	0.1390
747	0.1390

ORF	CP	ORF	CP	ORF	CP
1	-0.1230	52	-0.1210	102	-0.1180
2	-0.1220	53	-0.1200	103	-0.1180
3	-0.1220	54	-0.1200	104	-0.1190
4	-0.1210	55	-0.1180	105	-0.1200
5	-0.1200	56	-0.1190	110	-0.1470
6	-0.1200	57	-0.1190	111	-0.1470
7	-0.1200	58	-0.1200	112	-0.1190
8	-0.1210	59	-0.1210	113	-0.1350
9	-0.1190	60	-0.1210	114	-0.1250
10	-0.1210	61	-0.1210	115	-0.1250
11	-0.1190	62	-0.1220	116	-0.1250
12	-0.1190	63	-0.1210	117	-0.1240
13	-0.1170	64	-0.1190	118	-0.1260
14	-0.1190	65	-0.1180	119	-0.1270
15	-0.1200	66	-0.1200	120	-0.1590
16	-0.1200	67	-0.1190	121	-0.1230
17	-0.1200	68	-0.1190	122	-0.1210
18	-0.1200	69	-0.1210	123	-0.1230
19	-0.1170	70	-0.1210	124	-0.0560
20	-0.1180	71	-0.1210	125	-0.0660
21	-0.1190	72	-0.1210	126	-0.0230
22	-0.1180	73	-0.1210	127	-0.0430
23	-0.1180	74	-0.1210	128	-0.0360
24	-0.1170	75	-0.1170	129	-0.1830
25	-0.1180	76	-0.1170	135	-0.0330
26	-0.1210	77	-0.1170	136	-0.0310
27	-0.1210	78	-0.1180	137	-0.0370
28	-0.1200	79	-0.1190	138	0.0450
29	-0.1200	80	-0.1190	139	0.0490
30	-0.1190	81	-0.1210	140	0.0600
32	-0.1200	82	-0.1210	141	0.2130
33	-0.1210	83	-0.1220	142	0.2110
34	-0.1210	84	-0.1210	143	0.2140
35	-0.1180	85	-0.1210	145	-0.0310
36	-0.1180	86	-0.1210	147	0.2080
37	-0.1170	87	-0.1200	151	-0.0360
38	-0.1160	88	-0.1190	152	-0.1490
39	-0.1160	89	-0.1200	153	-0.3270
40	-0.1160	90	-0.1180	154	-0.4280
41	-0.1150	91	-0.1190	155	0.2540
42	-0.1150	92	-0.1190	156	0.0490
43	-0.1230	93	-0.1210	157	-0.0900
44	-0.1220	94	-0.1200	158	0.3190
45	-0.1220	95	-0.1210	159	0.2170
46	-0.1210	96	-0.1190	160	0.1770
47	-0.1200	97	-0.1210	161	0.0740
48	-0.1200	98	-0.1200	162	0.3560
49	-0.1210	99	-0.1210	163	0.3310
50	-0.1220	100	-0.1200	164	0.0450
51	-0.1200	101	-0.1180	165	0.1180

ORF	CP	ORF	CP	ORF	CP
166	0.4170	217	-0.1210	268	0.0240
167	0.2860	218	-0.1210	269	0.0900
168	0.2440	219	-0.1220	270	0.2150
169	0.1150	220	-0.1200	271	-0.1430
170	0.4030	221	0.0050	272	0.0520
171	0.1950	222	-0.1160	273	0.2060
172	-0.0130	223	-0.3650	274	0.2430
173	0.1090	224	-0.3700	275	0.2410
174	0.0210	225	0.0330	276	0.3080
175	-0.2220	226	-0.0580	277	0.2010
176	-0.3970	227	-0.7670	278	-0.7490
177	-0.2310	228	-0.6980	279	-0.7090
178	-0.1060	229	-0.6190	280	-0.6610
179	-0.0130	230	-0.5990	281	-0.5170
180	-0.3440	231	-0.4520	282	-0.3030
181	0.3000	232	-0.4330	283	-0.2150
182	0.5430	233	-0.2830	284	-0.2080
183	0.3520	234	-0.1210	285	-0.1220
184	0.5280	235	-0.1830	286	-0.1350
185	0.6530	236	-0.1910	287	0.0620
186	0.8160	237	-0.2620	288	0.2270
187	0.9290	238	-0.2600	289	0.2600
188	1.0630	239	0.2710	290	0.1250
189	1.1610	240	0.1840	291	-0.4580
190	-0.3510	241	-0.6950	292	0.2710
191	-0.3420	242	-0.6260	325	0.7380
192	-0.3520	244	-0.2840	326	0.8140
193	-0.3560	245	-0.2080	327	0.8620
194	-0.3550	246	-0.2130	328	0.8980
195	-0.3490	247	-0.1980	329	0.9440
196	-0.3490	248	-0.1400	330	0.9770
197	-0.3520	249	-0.2000	331	1.1150
198	-0.3540	250	-0.1480	332	1.2340
199	-0.3560	251	-0.1210	333	1.3200
200	-0.3540	252	-0.0860	334	1.3830
201	-0.3460	253	0.2820	335	1.3620
202	-0.3460	254	0.1880	336	1.3280
203	-0.3480	255	-0.7380	337	1.3300
204	-0.3440	256	-0.6650	338	1.3530
205	0.2120	257	-0.6000	339	1.3710
206	0.2090	258	-0.4070	340	1.3830
207	0.2530	259	-0.2240	341	1.3930
208	0.2240	260	-0.1960	350	-0.1270
210	0.2150	261	-0.1920	351	-0.1280
211	0.4580	262	-0.0920	352	-0.1290
212	0.5540	263	-0.2060	353	-0.1270
213	-0.1210	264	0.0110	354	-0.1270
214	-0.1230	265	0.1250	355	-0.1280
215	-0.1230	266	0.1010		
216	-0.1230	267	-0.1660		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1904
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 318.
CONFIGURATION NO. = 16.
ANGLE OF MODEL ROLL(DEG) = 900.0
MACH NUMBER = 1.189
TUNNEL DYNAMIC PRESSURE(PSF) = 794.
TUNNEL STAGNATION PRESSURE(PSF) = 1918.
TUNNEL STATIC PRESSURE(PSF) = 802.
REYNOLDS NUMBER PER FOOT = 4.0130E 06
MODEL ANGLE OF ATTACK(DEG) = 0.09
FIN ANGLE(DEG) = -0.
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 559.

SCANIVALUE	CP(REF)
147	0.1299
247	0.1289
347	0.1299
447	0.1299
547	0.1259
647	0.1249
747	0.1129

ORF	CP	ORF	CP	ORF	CP
1	-0.1271	52	-0.1321	102	-0.1371
2	-0.1271	53	-0.1341	103	-0.1361
3	-0.1291	54	-0.1351	104	-0.1361
4	-0.1281	55	-0.1391	105	-0.1371
5	-0.1291	56	-0.1371	110	-0.1411
6	-0.1291	57	-0.1371	111	-0.1451
7	-0.1311	58	-0.1371	112	-0.1181
8	-0.1311	59	-0.1371	113	-0.1331
9	-0.1321	60	-0.1361	114	-0.1391
10	-0.1331	61	-0.1371	115	-0.1391
11	-0.1341	62	-0.1351	116	-0.1401
12	-0.1351	63	-0.1361	117	-0.1391
13	-0.1361	64	-0.1371	118	-0.1401
14	-0.1361	65	-0.1361	119	-0.1401
15	-0.1361	66	-0.1381	120	-0.1611
16	-0.1361	67	-0.1371	121	-0.1401
17	-0.1381	68	-0.1371	122	-0.1401
18	-0.1381	69	-0.1381	123	-0.1391
19	-0.1371	70	-0.1381	124	-0.0671
20	-0.1361	71	-0.1371	125	-0.0851
21	-0.1371	72	-0.1361	126	-0.0411
22	-0.1391	73	-0.1371	127	-0.0661
23	-0.1381	74	-0.1371	128	-0.0401
24	-0.1381	75	-0.1391	129	-0.1781
25	-0.1371	76	-0.1391	135	-0.0451
26	-0.1371	77	-0.1391	136	-0.0431
27	-0.1361	78	-0.1381	137	-0.0361
28	-0.1371	79	-0.1371	138	0.0369
29	-0.1361	80	-0.1371	139	0.0319
30	-0.1351	81	-0.1381	140	0.0339
32	-0.1371	82	-0.1401	141	0.1939
33	-0.1391	83	-0.1261	142	0.1879
34	-0.1371	84	-0.1241	143	0.1919
35	-0.1361	85	-0.1271	145	-0.0481
36	-0.1371	86	-0.1271	147	0.1879
37	-0.1381	87	-0.1271	151	0.0499
38	-0.1381	88	-0.1281	152	-0.0491
39	-0.1381	89	-0.1291	153	-0.2771
40	-0.1391	90	-0.1351	154	-0.4041
41	-0.1381	91	-0.1341	155	0.4329
42	-0.1381	92	-0.1331	156	0.1429
43	-0.1271	93	-0.1311	157	-0.0111
44	-0.1261	94	-0.1321	158	0.4909
45	-0.1291	95	-0.1301	159	0.3609
46	-0.1281	96	-0.1351	160	0.3049
47	-0.1281	97	-0.1361	161	0.2049
48	-0.1281	98	-0.1351	162	0.5079
49	-0.1311	99	-0.1341	163	0.5099
50	-0.1311	100	-0.1351	164	0.0199
51	-0.1331	101	-0.1381	165	0.2569

DRF	CP	DRF	CP	DRF	CP
166	0.4899	217	-0.1391	268	0.1039
167	0.3839	218	-0.1371	269	0.2039
168	0.3399	219	-0.1381	270	0.3329
169	0.2009	220	-0.1391	271	-0.0671
170	0.4029	221	-0.0251	272	0.1339
171	0.1869	222	-0.1811	273	0.3279
172	-0.0031	223	-0.3561	274	0.3619
173	0.0839	224	-0.3601	275	0.3259
174	-0.1181	225	0.3039	276	0.3999
175	-0.1861	226	0.2419	277	0.2969
176	-0.4141	227	-0.6911	278	-0.7361
177	-0.1811	228	-0.6111	279	-0.6971
178	-0.0891	229	-0.5121	280	-0.6611
179	0.0389	230	-0.3011	281	-0.5441
180	-0.3811	231	-0.1231	282	-0.4291
181	0.1219	232	-0.0841	283	-0.3111
182	0.4099	233	-0.0701	284	-0.1111
183	0.3199	234	-0.0061	285	-0.0301
184	0.5569	235	-0.1721	286	-0.0551
185	0.6999	236	-0.1751	287	0.1399
186	0.8249	237	-0.2241	288	0.3359
187	0.8509	238	-0.2031	289	0.3509
188	0.9079	239	0.2989	290	0.2309
189	0.9489	240	0.2279	291	-0.4381
190	-0.3761	241	-0.7241	292	0.1389
191	-0.3731	242	-0.6441	325	0.4099
192	-0.3781	244	-0.2881	326	0.4489
193	-0.3761	245	-0.2091	327	0.4759
194	-0.3801	246	-0.1771	328	0.4899
195	-0.3721	247	-0.1071	329	0.5069
196	-0.3771	248	-0.0051	330	0.5669
197	-0.3791	249	-0.1251	331	0.7689
198	-0.3751	250	-0.0571	332	0.9559
199	-0.3831	251	-0.0321	333	1.0979
200	-0.3801	252	0.0019	334	1.3179
201	-0.3711	253	0.3299	335	1.3629
202	-0.3701	254	0.2319	336	1.3399
203	-0.3731	255	-0.7511	337	1.3089
204	-0.3761	256	-0.6951	338	1.3319
205	0.2179	257	-0.6451	339	1.3469
206	0.2229	258	-0.5061	340	1.3629
207	0.2739	259	-0.2621	341	1.3719
208	0.2419	260	-0.2141	350	-0.1411
210	0.1719	261	-0.1301	351	-0.1401
211	0.2839	262	0.0079	352	-0.1401
212	0.3279	263	-0.1281	353	-0.1411
213	-0.1421	264	0.0909	354	-0.1411
214	-0.1421	265	0.2219	355	-0.1401
215	-0.1411	266	0.2159		
216	-0.1401	267	-0.0971		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1905
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 318.
CONFIGURATION NO. = 16.
ANGLE OF MODEL ROLL(DEG) = 900.0
MACH NUMBER = 1.200
TUNNEL DYNAMIC PRESSURE(PSF) = 798.
TUNNEL STAGNATION PRESSURE(PSF) = 1919.
TUNNEL STATIC PRESSURE(PSF) = 791.
REYNOLDS NUMBER PER FOOT = 4.0140E 06
MODEL ANGLE OF ATTACK(DEG) = 4.01
FIN ANGLE(DEG) = -0.
FREE*STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 559.

SCANIVALUE	CP(REF)
147	0.1438
247	0.1428
347	0.1428
447	0.1438
547	0.1448
647	0.1438
747	0.1438

ORF	CP	ORF	CP	ORF	CP
1	-0.1262	52	-0.1292	102	-0.1272
2	-0.1262	53	-0.1282	103	-0.1272
3	-0.1272	54	-0.1262	104	-0.1272
4	-0.1272	55	-0.1282	105	-0.1272
5	-0.1262	56	-0.1272	110	-0.1412
6	-0.1262	57	-0.1282	111	-0.1442
7	-0.1272	58	-0.1272	112	-0.1112
8	-0.1272	59	-0.1282	113	-0.1142
9	-0.1272	60	-0.1272	114	-0.1282
10	-0.1282	61	-0.1282	115	-0.1272
11	-0.1272	62	-0.1272	116	-0.1262
12	-0.1262	63	-0.1272	117	-0.1262
13	-0.1252	64	-0.1272	118	-0.1262
14	-0.1262	65	-0.1262	119	-0.1252
15	-0.1262	66	-0.1292	120	-0.1462
16	-0.1272	67	-0.1282	121	-0.1272
17	-0.1252	68	-0.1272	122	-0.1262
18	-0.1262	69	-0.1282	123	-0.1272
19	-0.1252	70	-0.1272	124	-0.0452
20	-0.1262	71	-0.1282	125	-0.0732
21	-0.1282	72	-0.1282	126	-0.0332
22	-0.1272	73	-0.1272	127	-0.0632
23	-0.1262	74	-0.1262	128	-0.0212
24	-0.1262	75	-0.1282	129	-0.1552
25	-0.1252	76	-0.1282	135	-0.0232
26	-0.1272	77	-0.1272	136	-0.0272
27	-0.1272	78	-0.1282	137	-0.0252
28	-0.1272	79	-0.1292	138	0.0488
29	-0.1252	80	-0.1272	139	0.0228
30	-0.1262	81	-0.1262	140	0.0448
32	-0.1242	82	-0.1272	141	0.2018
33	-0.1262	83	-0.1272	142	0.1878
34	-0.1252	84	-0.1272	143	0.1948
35	-0.1262	85	-0.1272	145	-0.0282
36	-0.1272	86	-0.1262	147	0.1888
37	-0.1262	87	-0.1272	151	0.1748
38	-0.1262	88	-0.1272	152	0.0628
39	-0.1272	89	-0.1282	153	-0.2272
40	-0.1272	90	-0.1272	154	-0.3532
41	-0.1262	91	-0.1262	155	0.5848
42	-0.1252	92	-0.1282	156	0.2498
43	-0.1272	93	-0.1292	157	0.0658
44	-0.1272	94	-0.1282	158	0.5598
45	-0.1282	95	-0.1272	159	0.4408
46	-0.1272	96	-0.1262	160	0.3808
47	-0.1272	97	-0.1282	161	0.2458
48	-0.1272	98	-0.1272	162	0.5318
49	-0.1282	99	-0.1272	163	0.5258
50	-0.1282	100	-0.1272	164	0.0278
51	-0.1282	101	-0.1282	165	0.2858

ORF	CP	ORF	CP	ORF	CP
166	0.4918	217	-0.1262	268	0.2068
167	0.4278	218	-0.1252	269	0.3458
168	0.3868	219	-0.1252	270	0.4208
169	0.2428	220	-0.1232	271	0.0468
170	0.4628	221	0.0038	272	0.2208
171	0.2638	222	-0.1712	273	0.4068
172	0.0618	223	-0.3622	274	0.4158
173	0.1728	224	-0.3682	275	0.4838
174	0.0318	225	0.5618	276	0.4718
175	-0.1182	226	0.4108	277	0.3568
176	-0.3332	227	-0.6742	278	-0.7162
177	-0.0422	228	-0.5912	279	-0.6732
178	-0.0402	229	-0.4452	280	-0.6332
179	0.1178	230	-0.1752	281	-0.4832
180	-0.3622	231	-0.0682	282	-0.3482
181	0.0168	232	-0.0542	283	-0.2712
182	0.2548	233	-0.0842	284	-0.1342
183	0.4058	234	0.0468	285	0.0448
184	0.6188	235	-0.0982	286	0.0578
185	0.7538	236	-0.0982	287	0.2318
186	0.8248	237	-0.1562	288	0.3868
187	0.8688	238	-0.1342	289	0.4018
188	0.9098	239	0.4798	290	0.3588
189	0.9398	240	0.4038	291	-0.5952
190	-0.3652	241	-0.6732	292	-0.0062
191	-0.3562	242	-0.5752	325	0.1758
192	-0.3622	244	-0.3182	326	0.1958
193	-0.3632	245	-0.1872	327	0.2158
194	-0.3632	246	-0.1582	328	0.2128
195	-0.3582	247	-0.1002	329	0.1938
196	-0.3652	248	0.0908	330	0.2028
197	-0.3602	249	-0.0912	331	0.2988
198	-0.3622	250	0.0288	332	0.4808
199	-0.3642	251	0.0818	333	0.8298
200	-0.3612	252	0.1318	334	1.3028
201	-0.3572	253	0.5208	335	1.3378
202	-0.3562	254	0.4168	336	1.3188
203	-0.3572	255	-0.6962	337	1.3008
204	-0.3562	256	-0.6322	338	1.3168
205	0.2808	257	-0.5792	339	1.3388
206	0.2798	258	-0.4832	340	1.3558
207	0.3438	259	-0.3722	341	1.3688
208	0.3018	260	-0.2822	350	-0.1272
210	0.2618	261	-0.1012	351	-0.1272
211	0.6278	262	0.1048	352	-0.1262
212	0.7938	263	-0.0382	353	-0.1262
213	-0.1262	264	0.1928	354	-0.1252
214	-0.1262	265	0.3338	355	-0.1262
215	-0.1252	266	0.3498		
216	-0.1272	267	0.0198		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1906
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 318.
CONFIGURATION NO. = 16.
ANGLE OF MODEL ROLL(DEG) = 900.0
MACH NUMBER = 1.196
TUNNEL DYNAMIC PRESSURE(PSF) = 796.
TUNNEL STAGNATION PRESSURE(PSF) = 1918.
TUNNEL STATIC PRESSURE(PSF) = 796.
REYNOLDS NUMBER PER FOOT = 4.0110E 06
MODEL ANGLE OF ATTACK(DEG) = 7.94
FIN ANGLE(DEG) = -0.
FREE*STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 559.

SCANIVALUE	CP(REF)
147	0.1380
247	0.1370
347	0.1370
447	0.1370
547	0.1380
647	0.1380
747	0.1380

ORF	CP	ORF	CP	ORF	CP
1	-0.1320	52	-0.1310	102	-0.1360
2	-0.1310	53	-0.1320	103	-0.1350
3	-0.1320	54	-0.1310	104	-0.1340
4	-0.1330	55	-0.1360	105	-0.1340
5	-0.1330	56	-0.1360	110	-0.1810
6	-0.1310	57	-0.1360	111	-0.1870
7	-0.1320	58	-0.1350	112	-0.1710
8	-0.1320	59	-0.1350	113	-0.1370
9	-0.1310	60	-0.1350	114	-0.1390
10	-0.1300	61	-0.1340	115	-0.1390
11	-0.1310	62	-0.1360	116	-0.1410
12	-0.1300	63	-0.1350	117	-0.1400
13	-0.1310	64	-0.1320	118	-0.1400
14	-0.1320	65	-0.1320	119	-0.1410
15	-0.1340	66	-0.1350	120	-0.1470
16	-0.1300	67	-0.1340	121	-0.1410
17	-0.1310	68	-0.1330	122	-0.1400
18	-0.1320	69	-0.1330	123	-0.1400
19	-0.1320	70	-0.1320	124	-0.0690
20	-0.1320	71	-0.1320	125	-0.0930
21	-0.1350	72	-0.1350	126	-0.0500
22	-0.1350	73	-0.1360	127	-0.0780
23	-0.1350	74	-0.1360	128	-0.0540
24	-0.1350	75	-0.1360	129	-0.1610
25	-0.1340	76	-0.1360	135	-0.0510
26	-0.1350	77	-0.1360	136	-0.0520
27	-0.1350	78	-0.1340	137	-0.0540
28	-0.1330	79	-0.1340	138	0.0360
29	-0.1340	80	-0.1340	139	0.0370
30	-0.1330	81	-0.1340	140	0.0430
32	-0.1350	82	-0.1350	141	0.1920
33	-0.1330	83	-0.1320	142	0.1880
34	-0.1320	84	-0.1320	143	0.2050
35	-0.1320	85	-0.1320	145	-0.0530
36	-0.1330	86	-0.1320	147	0.1840
37	-0.1330	87	-0.1330	151	0.1900
38	-0.1330	88	-0.1310	152	0.0750
39	-0.1340	89	-0.1330	153	-0.1820
40	-0.1350	90	-0.1310	154	-0.3530
41	-0.1340	91	-0.1310	155	0.5500
42	-0.1330	92	-0.1310	156	0.2590
43	-0.1330	93	-0.1310	157	0.0780
44	-0.1320	94	-0.1300	158	0.6250
45	-0.1320	95	-0.1320	159	0.4940
46	-0.1330	96	-0.1320	160	0.4210
47	-0.1340	97	-0.1340	161	0.2960
48	-0.1330	98	-0.1340	162	0.6560
49	-0.1330	99	-0.1350	163	0.6410
50	-0.1320	100	-0.1350	164	0.0310
51	-0.1310	101	-0.1350	165	0.3660

ORF	CP	ORF	CP	ORF	CP
166	0.6560	217	-0.1330	268	0.2570
167	0.5560	218	-0.1350	269	0.3130
168	0.5210	219	-0.1350	270	0.4710
169	0.3600	220	-0.1320	271	0.0820
170	0.6300	221	0.0090	272	0.2760
171	0.4100	222	-0.1670	273	0.4530
172	0.1830	223	-0.4300	274	0.4910
173	0.2520	224	-0.4270	275	0.5650
174	0.1620	225	0.7360	276	0.5470
175	-0.0950	226	0.6160	277	0.4310
176	-0.2650	227	-0.6430	278	-0.6970
177	-0.0600	228	-0.5240	279	-0.6530
178	0.0660	229	-0.3550	280	-0.6030
179	0.1930	230	-0.1220	281	-0.4560
180	-0.3810	231	-0.0750	282	-0.3630
181	-0.1190	232	-0.0680	283	-0.2790
182	0.1720	233	-0.0940	284	-0.1250
183	0.3210	234	0.0670	285	0.0620
184	0.5200	235	-0.0760	286	0.0720
185	0.6420	236	-0.0070	287	0.2750
186	0.6700	237	-0.1020	288	0.4790
187	0.7010	238	-0.0760	289	0.4990
188	0.7170	239	0.6170	290	0.3580
189	0.7340	240	0.5490	291	-0.8110
190	-0.3660	241	-0.6610	292	-0.0870
191	-0.3600	242	-0.5570	325	0.0340
192	-0.3680	244	-0.3480	326	0.0530
193	-0.3650	245	-0.2880	327	0.0390
194	-0.3670	246	-0.1800	328	0.0170
195	-0.3580	247	-0.0970	329	0.0260
196	-0.3770	248	0.1060	330	0.0350
197	-0.3730	249	-0.0310	331	0.1230
198	-0.3750	250	0.1130	332	0.2950
199	-0.3780	251	0.1300	333	0.5730
200	-0.3700	252	0.1540	334	1.1240
201	-0.3620	253	0.5690	335	1.3180
202	-0.3620	254	0.4460	336	1.2950
203	-0.3660	255	-0.7090	337	1.2600
204	-0.3660	256	-0.6450	338	1.2790
205	0.3420	257	-0.5900	339	1.3060
206	0.3560	258	-0.4740	340	1.3270
207	0.4050	259	-0.3490	341	1.3400
208	0.3770	260	-0.2680	350	-0.1420
210	0.4310	261	-0.1170	351	-0.1410
211	0.6950	262	0.1190	352	-0.1410
212	0.8570	263	0.0320	353	-0.1390
213	-0.1330	264	0.2510	354	-0.1400
214	-0.1330	265	0.3580	355	-0.1420
215	-0.1330	266	0.3300		
216	-0.1350	267	0.0670		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1907
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 318.
CONFIGURATION NO. = 16.
ANGLE OF MODEL ROLL(DEG) = 900.0
MACH NUMBER = 1.197
TUNNEL DYNAMIC PRESSURE(PSF) = 796.
TUNNEL STAGNATION PRESSURE(PSF) = 1918.
TUNNEL STATIC PRESSURE(PSF) = 794.
REYNOLDS NUMBER PER FOOT = 4.0110E 06
MODEL ANGLE OF ATTACK(DEG) = 11.96
FIN ANGLE(DEG) = -0.
FREE*STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 559.

SCANIVALUE	CP(REF)
147	0.1395
247	0.1385
347	0.1385
447	0.1395
547	0.1375
647	0.1375
747	0.1375

ORF	CP	ORF	CP	ORF	CP
1	-0.1515	52	-0.1535	102	-0.1575
2	-0.1505	53	-0.1545	103	-0.1555
3	-0.1515	54	-0.1555	104	-0.1545
4	-0.1525	55	-0.1575	105	-0.1545
5	-0.1535	56	-0.1575	110	-0.2115
6	-0.1535	57	-0.1565	111	-0.2195
7	-0.1535	58	-0.1535	112	-0.1985
8	-0.1555	59	-0.1555	113	-0.1685
9	-0.1545	60	-0.1565	114	-0.1495
10	-0.1515	61	-0.1555	115	-0.1505
11	-0.1535	62	-0.1565	116	-0.1495
12	-0.1555	63	-0.1555	117	-0.1495
13	-0.1555	64	-0.1555	118	-0.1505
14	-0.1555	65	-0.1545	119	-0.1495
15	-0.1545	66	-0.1555	120	-0.1945
16	-0.1495	67	-0.1555	121	-0.1525
17	-0.1495	68	-0.1535	122	-0.1495
18	-0.1515	69	-0.1525	123	-0.1505
19	-0.1515	70	-0.1505	124	-0.0835
20	-0.1555	71	-0.1505	125	-0.1105
21	-0.1555	72	-0.1525	126	-0.0715
22	-0.1575	73	-0.1515	127	-0.0845
23	-0.1565	74	-0.1525	128	-0.0935
24	-0.1545	75	-0.1505	129	-0.2035
25	-0.1535	76	-0.1545	135	-0.0815
26	-0.1555	77	-0.1525	136	-0.0855
27	-0.1555	78	-0.1515	137	-0.0915
28	-0.1555	79	-0.1525	138	0.0485
29	-0.1545	80	-0.1545	139	0.0605
30	-0.1515	81	-0.1545	140	0.0615
32	-0.1495	82	-0.1545	141	0.2115
33	-0.1525	83	-0.1525	142	0.1845
34	-0.1535	84	-0.1515	143	0.2325
35	-0.1545	85	-0.1515	145	-0.0835
36	-0.1505	86	-0.1515	147	0.1805
37	-0.1505	87	-0.1545	151	0.2385
38	-0.1515	88	-0.1535	152	0.1475
39	-0.1535	89	-0.1535	153	-0.1675
40	-0.1505	90	-0.1545	154	-0.3455
41	-0.1525	91	-0.1555	155	0.6115
42	-0.1525	92	-0.1535	156	0.2815
43	-0.1525	93	-0.1525	157	0.0875
44	-0.1515	94	-0.1535	158	0.6925
45	-0.1515	95	-0.1565	159	0.5075
46	-0.1515	96	-0.1555	160	0.4355
47	-0.1545	97	-0.1555	161	0.3035
48	-0.1535	98	-0.1555	162	0.6945
49	-0.1545	99	-0.1565	163	0.6605
50	-0.1555	100	-0.1555	164	0.0595
51	-0.1545	101	-0.1575	165	0.3845

ORF	CP	ORF	CP	ORF	CP
166	0.7035	217	-0.1525	268	0.2905
167	0.5825	218	-0.1535	269	0.3975
168	0.5455	219	-0.1525	270	0.5385
169	0.3985	220	-0.1515	271	0.1025
170	0.6555	221	-0.0225	272	0.3055
171	0.4525	222	-0.1965	273	0.5305
172	0.2325	223	-0.4955	274	0.5635
173	0.2955	224	-0.4905	275	0.6075
174	0.1815	225	0.8945	276	0.6335
175	-0.0135	226	0.7395	277	0.5065
176	-0.1795	227	-0.6285	278	-0.6835
177	-0.0525	228	-0.5305	279	-0.6325
178	0.0485	229	-0.4315	280	-0.5845
179	0.1735	230	-0.2255	281	-0.4495
180	-0.3895	231	-0.0915	282	-0.3575
181	-0.0135	232	-0.0875	283	-0.2735
182	0.1675	233	-0.1075	284	-0.1075
183	0.2095	234	0.1065	285	0.1175
184	0.3975	235	-0.0025	286	0.0895
185	0.5375	236	0.0705	287	0.2935
186	0.5815	237	-0.0425	288	0.5275
187	0.6175	238	-0.0285	289	0.5545
188	0.6335	239	0.6225	290	0.4455
189	0.6175	240	0.5295	291	-0.7925
190	-0.3685	241	-0.6765	292	-0.1535
191	-0.3605	242	-0.5665	325	-0.1055
192	-0.3685	244	-0.2725	326	-0.1175
193	-0.3695	245	-0.2475	327	-0.1215
194	-0.3705	246	-0.1985	328	-0.1345
195	-0.3565	247	-0.0965	329	-0.1545
196	-0.3995	248	0.1415	330	-0.1455
197	-0.3715	249	0.0075	331	-0.0685
198	-0.3775	250	0.1665	332	0.0545
199	-0.3855	251	0.1815	333	0.3205
200	-0.3765	252	0.2045	334	0.8515
201	-0.3635	253	0.6395	335	1.1555
202	-0.3685	254	0.5115	336	1.0595
203	-0.3685	255	-0.6955	337	1.0945
204	-0.3665	256	-0.6445	338	1.1805
205	0.4215	257	-0.6035	339	1.2415
206	0.4285	258	-0.5245	340	1.2685
207	0.4845	259	-0.4235	341	1.2845
208	0.4515	260	-0.3135	350	-0.1485
210	0.8255	261	-0.0645	351	-0.1505
211	0.7785	262	0.1645	352	-0.1525
212	0.9765	263	0.0255	353	-0.1505
213	-0.1525	264	0.2965	354	-0.1495
214	-0.1525	265	0.4305	355	-0.1515
215	-0.1515	266	0.4195		
216	-0.1525	267	0.0595		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1908

TUNNEL = 11

TEST NO. = 086

TEST PHASE = 2

RUN NUMBER = 318.

CONFIGURATION NO. = 16.

ANGLE OF MODEL ROLL(DEG) = 900.0

MACH NUMBER = 1.195

TUNNEL DYNAMIC PRESSURE(PSF) = 795.

TUNNEL STAGNATION PRESSURE(PSF) = 1917.

TUNNEL STATIC PRESSURE(PSF) = 796.

REYNOLDS NUMBER PER FOOT = 4.0130E 06

MODEL ANGLE OF ATTACK(DEG) = 0.07

FIN ANGLE(DEG) = -0.

FREE-STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 558.

SCANIVALUE	CP(REF)
147	0.1377
247	0.1357
347	0.1367
447	0.1367
547	0.1347
647	0.1347
747	0.1347

ORF	CP	ORF	CP	ORF	CP
1	-0.1223	52	-0.1223	102	-0.1223
2	-0.1233	53	-0.1223	103	-0.1213
3	-0.1243	54	-0.1223	104	-0.1213
4	-0.1243	55	-0.1233	105	-0.1223
5	-0.1253	56	-0.1223	110	-0.1263
6	-0.1243	57	-0.1213	111	-0.1303
7	-0.1223	58	-0.1213	112	-0.1023
8	-0.1223	59	-0.1233	113	-0.1153
9	-0.1223	60	-0.1223	114	-0.1233
10	-0.1213	61	-0.1223	115	-0.1243
11	-0.1213	62	-0.1223	116	-0.1253
12	-0.1223	63	-0.1223	117	-0.1253
13	-0.1233	64	-0.1243	118	-0.1243
14	-0.1233	65	-0.1243	119	-0.1223
15	-0.1213	66	-0.1223	120	-0.1453
16	-0.1213	67	-0.1233	121	-0.1243
17	-0.1223	68	-0.1243	122	-0.1243
18	-0.1233	69	-0.1243	123	-0.1243
19	-0.1233	70	-0.1233	124	-0.0483
20	-0.1213	71	-0.1223	125	-0.0693
21	-0.1213	72	-0.1203	126	-0.0243
22	-0.1223	73	-0.1203	127	-0.0463
23	-0.1213	74	-0.1213	128	-0.0193
24	-0.1203	75	-0.1223	129	-0.1603
25	-0.1213	76	-0.1243	135	-0.0183
26	-0.1223	77	-0.1253	136	-0.0203
27	-0.1213	78	-0.1223	137	-0.0163
28	-0.1213	79	-0.1223	138	0.0717
29	-0.1213	80	-0.1243	139	0.0657
30	-0.1183	81	-0.1253	140	0.0697
32	-0.1213	82	-0.1243	141	0.2157
33	-0.1233	83	-0.1223	142	0.2097
34	-0.1243	84	-0.1233	143	0.2107
35	-0.1233	85	-0.1233	145	-0.0183
36	-0.1213	86	-0.1243	147	0.2107
37	-0.1223	87	-0.1253	151	0.0597
38	-0.1243	88	-0.1233	152	-0.0453
39	-0.1223	89	-0.1213	153	-0.2753
40	-0.1203	90	-0.1233	154	-0.4033
41	-0.1213	91	-0.1223	155	0.4337
42	-0.1213	92	-0.1223	156	0.1487
43	-0.1223	93	-0.1223	157	-0.0043
44	-0.1233	94	-0.1233	158	0.4907
45	-0.1243	95	-0.1223	159	0.3807
46	-0.1253	96	-0.1243	160	0.3207
47	-0.1253	97	-0.1213	161	0.2127
48	-0.1233	98	-0.1223	162	0.5157
49	-0.1223	99	-0.1223	163	0.5217
50	-0.1223	100	-0.1213	164	0.0487
51	-0.1233	101	-0.1223	165	0.2697

ORF	CP	ORF	CP	ORF	CP
166	0.4917	217	-0.1243	268	0.1157
167	0.3877	218	-0.1223	269	0.2187
168	0.3517	219	-0.1233	270	0.3417
169	0.2167	220	-0.1243	271	-0.0803
170	0.4097	221	-0.0373	272	0.1457
171	0.1977	222	-0.1813	273	0.3367
172	0.0057	223	-0.3353	274	0.3627
173	0.0937	224	-0.3453	275	0.3507
174	-0.1073	225	0.3217	276	0.4197
175	-0.1783	226	0.2577	277	0.3257
176	-0.4043	227	-0.6733	278	-0.7243
177	-0.1723	228	-0.5963	279	-0.6833
178	-0.0933	229	-0.4783	280	-0.6463
179	0.0457	230	-0.2813	281	-0.5233
180	-0.3643	231	-0.1093	282	-0.4213
181	0.1357	232	-0.0783	283	-0.2973
182	0.4077	233	-0.0743	284	-0.1383
183	0.3147	234	-0.0023	285	-0.0133
184	0.5677	235	-0.1693	286	-0.0613
185	0.7187	236	-0.1703	287	0.1457
186	0.8267	237	-0.2113	288	0.3437
187	0.8617	238	-0.1933	289	0.3487
188	0.9217	239	0.3127	290	0.2397
189	0.9827	240	0.2357	291	-0.4663
190	-0.3573	241	-0.7103	292	0.1337
191	-0.3583	242	-0.6253	325	0.4407
192	-0.3623	244	-0.2693	326	0.4857
193	-0.3633	245	-0.2103	327	0.4937
194	-0.3673	246	-0.1633	328	0.5047
195	-0.3553	247	-0.1133	329	0.5297
196	-0.3543	248	0.0027	330	0.5847
197	-0.3583	249	-0.1263	331	0.7977
198	-0.3623	250	-0.0583	332	0.9857
199	-0.3683	251	-0.0233	333	1.1207
200	-0.3673	252	0.0137	334	1.3287
201	-0.3573	253	0.3447	335	1.3637
202	-0.3533	254	0.2537	336	1.3387
203	-0.3573	255	-0.7383	337	1.3167
204	-0.3603	256	-0.6773	338	1.3357
205	0.2437	257	-0.6263	339	1.3557
206	0.2397	258	-0.4853	340	1.3697
207	0.2847	259	-0.2543	341	1.3787
208	0.2577	260	-0.2053	350	-0.1243
210	0.1857	261	-0.1293	351	-0.1263
211	0.2987	262	0.0287	352	-0.1263
212	0.3447	263	-0.1183	353	-0.1243
213	-0.1243	264	0.0987	354	-0.1253
214	-0.1243	265	0.2357	355	-0.1243
215	-0.1243	266	0.2237		
216	-0.1253	267	-0.1053		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1909
 TUNNEL = 11
 TEST NO. = 086
 TEST PHASE = 2
 RUN NUMBER = 319.
 CONFIGURATION NO. = 16.
 ANGLE OF MODEL ROLL(DEG) = 900.0
 MACH NUMBER = 1.050
 TUNNEL DYNAMIC PRESSURE(PSF) = 752.
 TUNNEL STAGNATION PRESSURE(PSF) = 1957.
 TUNNEL STATIC PRESSURE(PSF) = 975.
 REYNOLDS NUMBER PER FOOT = 4.0250E 06
 MODEL ANGLE OF ATTACK(DEG) = -12.11
 FIN ANGLE(DEG) = -0.
 FREE*STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 559.

SCANIVALUE	CP(REF)
147	-0.0925
247	-0.0935
347	-0.0935
447	-0.0935
547	-0.0935
647	-0.0935
747	-0.0935

ORF	CP	ORF	CP	ORF	CP
1	-0.1525	52	-0.1485	102	-0.1525
2	-0.1535	53	-0.1495	103	-0.1515
3	-0.1535	54	-0.1505	104	-0.1505
4	-0.1535	55	-0.1525	105	-0.1515
5	-0.1535	56	-0.1515	110	-0.2975
6	-0.1535	57	-0.1515	111	-0.3235
7	-0.1505	58	-0.1505	112	-0.2925
8	-0.1505	59	-0.1515	113	-0.2445
9	-0.1485	60	-0.1515	114	-0.1495
10	-0.1475	61	-0.1505	115	-0.1535
11	-0.1475	62	-0.1485	116	-0.1535
12	-0.1495	63	-0.1495	117	-0.1515
13	-0.1505	64	-0.1515	118	-0.1515
14	-0.1505	65	-0.1505	119	-0.1505
15	-0.1485	66	-0.1515	120	-0.2305
16	-0.1495	67	-0.1525	121	-0.1555
17	-0.1515	68	-0.1515	122	-0.1495
18	-0.1505	69	-0.1525	123	-0.1505
19	-0.1505	70	-0.1525	124	-0.0735
20	-0.1515	71	-0.1495	125	-0.1115
21	-0.1515	72	-0.1495	126	-0.0495
22	-0.1515	73	-0.1515	127	-0.0865
23	-0.1505	74	-0.1515	128	-0.0495
24	-0.1505	75	-0.1515	129	-0.2495
25	-0.1505	76	-0.1515	135	-0.0505
26	-0.1505	77	-0.1525	136	-0.0495
27	-0.1505	78	-0.1535	137	-0.0475
28	-0.1485	79	-0.1515	138	0.1185
29	-0.1465	80	-0.1505	139	0.1165
30	-0.1495	81	-0.1495	140	0.1335
32	-0.1495	82	-0.1515	141	0.2485
33	-0.1505	83	-0.1535	142	0.2115
34	-0.1485	84	-0.1545	143	0.2425
35	-0.1495	85	-0.1535	145	-0.0455
36	-0.1495	86	-0.1535	147	0.2085
37	-0.1505	87	-0.1545	151	-0.1765
38	-0.1505	88	-0.1535	152	-0.2595
39	-0.1505	89	-0.1515	153	-0.3215
40	-0.1515	90	-0.1515	154	-0.3375
41	-0.1515	91	-0.1515	155	0.0255
42	-0.1485	92	-0.1495	156	-0.1315
43	-0.1535	93	-0.1485	157	-0.2265
44	-0.1545	94	-0.1485	158	0.1265
45	-0.1525	95	-0.1505	159	-0.0675
46	-0.1535	96	-0.1515	160	-0.1075
47	-0.1545	97	-0.1515	161	-0.1615
48	-0.1545	98	-0.1485	162	0.1805
49	-0.1515	99	-0.1485	163	0.0665
50	-0.1505	100	-0.1525	164	0.1135
51	-0.1485	101	-0.1525	165	-0.1435

DRF	CP	DRF	CP	DRF	CP
166	0.2045	217	-0.1515	268	-0.1765
167	0.0525	218	-0.1535	269	-0.0725
168	-0.0035	219	-0.1545	270	0.0425
169	-0.1075	220	-0.1545	271	-0.3615
170	-0.0845	221	-0.0505	272	-0.1605
171	-0.0305	222	-0.1015	273	0.0195
172	-0.1795	223	-0.5785	274	0.0675
173	-0.0055	224	-0.5415	275	0.0405
174	-0.1275	225	-0.6795	276	0.0855
175	-0.2365	226	-0.9435	277	-0.0295
176	-0.3555	227	-1.1435	278	-1.0215
177	-0.3795	228	-1.1315	279	-0.9675
178	-0.3375	229	-1.1075	280	-0.8685
179	-0.2875	230	-1.1035	281	-0.6605
180	-0.3355	231	-1.0075	282	-0.4985
181	0.1965	232	-0.8775	283	-0.4285
182	0.5685	233	-0.6325	284	-0.3875
183	0.5505	234	-0.5135	285	-0.3265
184	0.7755	235	-0.5095	286	-0.3965
185	0.9795	236	-0.4145	287	-0.1525
186	1.1805	237	-0.3975	288	0.0405
187	1.2705	238	-0.3555	289	0.1165
188	1.2975	239	0.1845	290	-0.0395
189	1.2975	240	0.0895	291	-0.7195
190	-0.3605	241	-1.0195	292	0.3385
191	-0.3115	242	-0.9915	325	0.5755
192	-0.3295	244	-0.9585	326	0.6885
193	-0.3245	245	-0.8715	327	0.8255
194	-0.3145	246	-0.6165	328	0.9695
195	-0.3015	247	-0.5325	329	1.0655
196	-0.3185	248	-0.3765	330	1.1475
197	-0.3185	249	-0.3715	331	1.2355
198	-0.3165	250	-0.2975	332	1.2605
199	-0.3155	251	-0.2505	333	1.2555
200	-0.3105	252	-0.2075	334	1.2175
201	-0.3045	253	0.1105	335	1.2455
202	-0.3155	254	-0.0195	336	1.2645
203	-0.3135	255	-1.0285	337	1.2795
204	-0.3045	256	-0.9535	338	1.2875
205	0.0815	257	-0.8805	339	1.2925
206	0.0755	258	-0.6945	340	1.2965
207	0.1235	259	-0.5125	341	1.2995
208	0.1445	260	-0.4905	350	-0.1535
210	0.5685	261	-0.4205	351	-0.1515
211	0.6585	262	-0.3025	352	-0.1525
212	0.7305	263	-0.3915	353	-0.1545
213	-0.1525	264	-0.1755	354	-0.1565
214	-0.1515	265	-0.0575	355	-0.1535
215	-0.1515	266	-0.0615		
216	-0.1515	267	-0.3815		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1910
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 319.
CONFIGURATION NO. = 16.
ANGLE OF MODEL ROLL(DEG) = 900.0
MACH NUMBER = 1.047
TUNNEL DYNAMIC PRESSURE(PSF) = 751.
TUNNEL STAGNATION PRESSURE(PSF) = 1959.
TUNNEL STATIC PRESSURE(PSF) = 979.
REYNOLDS NUMBER PER FOOT = 4.0290E 06
MODEL ANGLE OF ATTACK(DEG) = -8.12
FIN ANGLE(DEG) = -0.
FREE-STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 559.

SCANIVALUE	CP(REF)
147	-0.0986
247	-0.0996
347	-0.0986
447	-0.0986
547	-0.0966
647	-0.0976
747	-0.0976

ORF	CP	ORF	CP	ORF	CP
1	-0.1406	52	-0.1406	102	-0.1446
2	-0.1416	53	-0.1416	103	-0.1436
3	-0.1386	54	-0.1436	104	-0.1416
4	-0.1386	55	-0.1436	105	-0.1416
5	-0.1396	56	-0.1456	110	-0.2376
6	-0.1386	57	-0.1446	111	-0.2586
7	-0.1386	58	-0.1426	112	-0.1946
8	-0.1386	59	-0.1416	113	-0.1786
9	-0.1386	60	-0.1406	114	-0.1566
10	-0.1406	61	-0.1416	115	-0.1546
11	-0.1406	62	-0.1416	116	-0.1576
12	-0.1416	63	-0.1426	117	-0.1566
13	-0.1416	64	-0.1426	118	-0.1566
14	-0.1416	65	-0.1436	119	-0.1566
15	-0.1426	66	-0.1426	120	-0.1996
16	-0.1466	67	-0.1436	121	-0.1576
17	-0.1476	68	-0.1466	122	-0.1576
18	-0.1456	69	-0.1476	123	-0.1576
19	-0.1456	70	-0.1496	124	-0.0616
20	-0.1426	71	-0.1476	125	-0.0786
21	-0.1416	72	-0.1446	126	-0.0236
22	-0.1416	73	-0.1446	127	-0.0526
23	-0.1446	74	-0.1466	128	-0.0326
24	-0.1436	75	-0.1476	129	-0.2316
25	-0.1416	76	-0.1486	135	-0.0296
26	-0.1406	77	-0.1476	136	-0.0306
27	-0.1396	78	-0.1446	137	-0.0326
28	-0.1406	79	-0.1466	138	0.1074
29	-0.1406	80	-0.1486	139	0.0974
30	-0.1436	81	-0.1476	140	0.1124
32	-0.1456	82	-0.1476	141	0.2334
33	-0.1446	83	-0.1406	142	0.2144
34	-0.1456	84	-0.1426	143	0.2314
35	-0.1476	85	-0.1366	145	-0.0336
36	-0.1456	86	-0.1386	147	0.2144
37	-0.1446	87	-0.1396	151	-0.1766
38	-0.1446	88	-0.1386	152	-0.2706
39	-0.1476	89	-0.1386	153	-0.3276
40	-0.1466	90	-0.1426	154	-0.3306
41	-0.1456	91	-0.1426	155	0.0664
42	-0.1456	92	-0.1406	156	-0.1236
43	-0.1416	93	-0.1396	157	-0.2136
44	-0.1426	94	-0.1396	158	0.1894
45	-0.1386	95	-0.1386	159	-0.0086
46	-0.1386	96	-0.1426	160	-0.0406
47	-0.1406	97	-0.1406	161	-0.1076
48	-0.1396	98	-0.1426	162	0.2364
49	-0.1406	99	-0.1406	163	0.1444
50	-0.1396	100	-0.1406	164	0.0934
51	-0.1396	101	-0.1426	165	-0.0646

ORF	CP	ORF	CP	ORF	CP
166	0.3004	217	-0.1476	268	-0.1536
167	0.1014	218	-0.1486	269	-0.0706
168	0.0594	219	-0.1516	270	0.0804
169	-0.0596	220	-0.1536	271	-0.3206
170	0.1284	221	-0.0456	272	-0.1326
171	0.0314	222	-0.1826	273	0.0594
172	-0.1856	223	-0.5306	274	0.1034
173	-0.0496	224	-0.5116	275	0.1034
174	-0.1376	225	-0.5406	276	0.1464
175	-0.2866	226	-0.7616	277	0.0264
176	-0.4126	227	-1.1246	278	-1.0246
177	-0.3936	228	-1.1046	279	-0.9706
178	-0.3166	229	-1.0916	280	-0.8886
179	-0.2676	230	-1.0976	281	-0.6776
180	-0.3176	231	-0.9776	282	-0.4546
181	0.1774	232	-0.8606	283	-0.3826
182	0.5004	233	-0.6066	284	-0.3636
183	0.4234	234	-0.4106	285	-0.2946
184	0.6504	235	-0.3906	286	-0.3256
185	0.8284	236	-0.3096	287	-0.1206
186	1.0144	237	-0.3606	288	0.0884
187	1.1264	238	-0.3446	289	0.1434
188	1.2064	239	0.1434	290	-0.0296
189	1.2464	240	0.0194	291	-0.7466
190	-0.3496	241	-1.0576	292	0.2294
191	-0.3056	242	-1.0076	325	0.5754
192	-0.3266	244	-0.8906	326	0.7024
193	-0.3206	245	-0.5636	327	0.8054
194	-0.3166	246	-0.4556	328	0.9324
195	-0.3036	247	-0.4416	329	1.0334
196	-0.3176	248	-0.3496	330	1.1004
197	-0.3176	249	-0.3566	331	1.2104
198	-0.3206	250	-0.2816	332	1.2614
199	-0.3176	251	-0.2376	333	1.2614
200	-0.3116	252	-0.2046	334	1.2474
201	-0.3056	253	0.1484	335	1.2164
202	-0.3166	254	0.0204	336	1.2274
203	-0.3076	255	-1.0156	337	1.2414
204	-0.3026	256	-0.9296	338	1.2534
205	0.1574	257	-0.8266	339	1.2644
206	0.1554	258	-0.5806	340	1.2724
207	0.1924	259	-0.4536	341	1.2774
208	0.1834	260	-0.3836	350	-0.1576
210	0.5064	261	-0.3626	351	-0.1576
211	0.5004	262	-0.2676	352	-0.1556
212	0.5974	263	-0.3526	353	-0.1586
213	-0.1486	264	-0.1536	354	-0.1546
214	-0.1476	265	-0.0376	355	-0.1556
215	-0.1476	266	-0.0556		
216	-0.1486	267	-0.3426		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1911
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 319.
CONFIGURATION NO. = 16.
ANGLE OF MODEL ROLL(DEG) = 900.0
MACH NUMBER = 1.045
TUNNEL DYNAMIC PRESSURE(PSF) = 742.
TUNNEL STAGNATION PRESSURE(PSF) = 1939.
TUNNEL STATIC PRESSURE(PSF) = 971.
REYNOLDS NUMBER PER FOOT = 3.9850E 06
MODEL ANGLE OF ATTACK(DEG) = -4.00
FIN ANGLE(DEG) = -0.
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 559.

SCANIVALUE	CP(REF)
147	-0.0876
247	-0.0896
347	-0.0886
447	-0.0886
547	-0.0906
647	-0.0906
747	-0.0906

ORF	CP	ORF	CP	ORF	CP
1	-0.1426	52	-0.1436	102	-0.1406
2	-0.1416	53	-0.1436	103	-0.1426
3	-0.1436	54	-0.1426	104	-0.1416
4	-0.1416	55	-0.1406	105	-0.1426
5	-0.1436	56	-0.1416	110	-0.1676
6	-0.1416	57	-0.1426	111	-0.1946
7	-0.1416	58	-0.1416	112	-0.1266
8	-0.1416	59	-0.1426	113	-0.1356
9	-0.1416	60	-0.1456	114	-0.1446
10	-0.1426	61	-0.1426	115	-0.1446
11	-0.1426	62	-0.1436	116	-0.1456
12	-0.1396	63	-0.1446	117	-0.1446
13	-0.1416	64	-0.1426	118	-0.1436
14	-0.1416	65	-0.1426	119	-0.1446
15	-0.1436	66	-0.1426	120	-0.1626
16	-0.1426	67	-0.1436	121	-0.1436
17	-0.1416	68	-0.1436	122	-0.1446
18	-0.1396	69	-0.1416	123	-0.1466
19	-0.1416	70	-0.1426	124	-0.0476
20	-0.1426	71	-0.1436	125	-0.0636
21	-0.1416	72	-0.1426	126	-0.0096
22	-0.1396	73	-0.1416	127	-0.0366
23	-0.1396	74	-0.1436	128	-0.0086
24	-0.1406	75	-0.1436	129	-0.1936
25	-0.1416	76	-0.1436	135	-0.0076
26	-0.1436	77	-0.1426	136	-0.0116
27	-0.1436	78	-0.1426	137	-0.0086
28	-0.1406	79	-0.1426	138	0.1224
29	-0.1416	80	-0.1426	139	0.1024
30	-0.1416	81	-0.1446	140	0.1294
32	-0.1416	82	-0.1436	141	0.2444
33	-0.1426	83	-0.1436	142	0.2394
34	-0.1436	84	-0.1426	143	0.2484
35	-0.1416	85	-0.1426	145	-0.0176
36	-0.1406	86	-0.1416	147	0.2384
37	-0.1396	87	-0.1426	151	-0.1136
38	-0.1416	88	-0.1426	152	-0.2076
39	-0.1416	89	-0.1426	153	-0.3696
40	-0.1426	90	-0.1426	154	-0.3836
41	-0.1416	91	-0.1426	155	0.2034
42	-0.1416	92	-0.1436	156	-0.0276
43	-0.1436	93	-0.1426	157	-0.1696
44	-0.1426	94	-0.1416	158	0.2494
45	-0.1426	95	-0.1426	159	0.1094
46	-0.1416	96	-0.1426	160	0.0694
47	-0.1436	97	-0.1436	161	-0.0366
48	-0.1426	98	-0.1436	162	0.2754
49	-0.1426	99	-0.1426	163	0.2174
50	-0.1416	100	-0.1456	164	0.1054
51	-0.1416	101	-0.1406	165	-0.0116

ORF	CP	ORF	CP	ORF	CP
166	0.3254	217	-0.1476	268	-0.0696
167	0.1584	218	-0.1466	269	0.0414
168	0.1064	219	-0.1446	270	0.1494
169	-0.0246	220	-0.1446	271	-0.2456
170	0.2874	221	-0.1186	272	-0.0486
171	0.0514	222	-0.2406	273	0.1264
172	-0.1676	223	-0.4716	274	0.1644
173	-0.0226	224	-0.4616	275	0.1824
174	-0.1096	225	-0.0656	276	0.2264
175	-0.3466	226	-0.1686	277	0.0994
176	-0.4496	227	-1.0746	278	-1.0076
177	-0.3246	228	-1.0106	279	-0.9336
178	-0.2446	229	-0.9036	280	-0.8376
179	-0.1426	230	-0.9406	281	-0.6236
180	-0.3156	231	-0.8036	282	-0.4556
181	0.2484	232	-0.6556	283	-0.3926
182	0.5014	233	-0.5056	284	-0.3336
183	0.2984	234	-0.2626	285	-0.2316
184	0.4934	235	-0.3186	286	-0.2346
185	0.6744	236	-0.2746	287	-0.0366
186	0.8274	237	-0.3226	288	0.1444
187	0.9224	238	-0.3056	289	0.1854
188	1.0174	239	0.2564	290	0.0624
189	1.0804	240	0.1444	291	-0.7716
190	-0.3406	241	-1.0196	292	0.1724
191	-0.3046	242	-0.9496	325	0.6634
192	-0.3206	244	-0.7276	326	0.7874
193	-0.3176	245	-0.4296	327	0.8524
194	-0.3146	246	-0.4166	328	0.9114
195	-0.3066	247	-0.3696	329	0.9544
196	-0.3166	248	-0.2606	330	0.9974
197	-0.3156	249	-0.3196	331	1.0844
198	-0.3196	250	-0.2376	332	1.1574
199	-0.3206	251	-0.1896	333	1.2174
200	-0.3146	252	-0.1436	334	1.2564
201	-0.3026	253	0.2424	335	1.2424
202	-0.3156	254	0.1214	336	1.2154
203	-0.3136	255	-0.9996	337	1.2274
204	-0.2986	256	-0.9116	338	1.2384
205	0.1934	257	-0.8166	339	1.2374
206	0.1964	258	-0.6146	340	1.2504
207	0.2224	259	-0.4696	341	1.2614
208	0.2114	260	-0.3816	350	-0.1456
210	0.3134	261	-0.3346	351	-0.1426
211	0.4744	262	-0.1996	352	-0.1436
212	0.5694	263	-0.3196	353	-0.1446
213	-0.1476	264	-0.0826	354	-0.1446
214	-0.1456	265	0.0524	355	-0.1466
215	-0.1456	266	0.0524		
216	-0.1446	267	-0.2786		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1912

TUNNEL = 11

TEST NO. = 086

TEST PHASE = 2

RUN NUMBER = 319.

CONFIGURATION NO. = 16.

ANGLE OF MODEL ROLL(DEG) = 900.0

MACH NUMBER = 1.047

TUNNEL DYNAMIC PRESSURE(PSF) = 744.

TUNNEL STAGNATION PRESSURE(PSF) = 1939.

TUNNEL STATIC PRESSURE(PSF) = 968.

REYNOLDS NUMBER PER FOOT = 3.9840E 06

MODEL ANGLE OF ATTACK(DEG) = 0.10

FIN ANGLE(DEG) = -0.

FREE-STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 559.

SCANVALUE	CP(REF)
147	-0.0811
247	-0.0831
347	-0.0831
447	-0.0831
547	-0.0951
647	-0.0951
747	-0.0961

ORF	CP	ORF	CP	ORF	CP
1	-0.1431	52	-0.1401	102	-0.1421
2	-0.1411	53	-0.1411	103	-0.1421
3	-0.1421	54	-0.1401	104	-0.1391
4	-0.1421	55	-0.1401	105	-0.1391
5	-0.1381	56	-0.1411	110	-0.1811
6	-0.1401	57	-0.1411	111	-0.2051
7	-0.1381	58	-0.1401	112	-0.1291
8	-0.1391	59	-0.1391	113	-0.1291
9	-0.1381	60	-0.1391	114	-0.1601
10	-0.1391	61	-0.1381	115	-0.1581
11	-0.1381	62	-0.1401	116	-0.1561
12	-0.1401	63	-0.1401	117	-0.1541
13	-0.1391	64	-0.1401	118	-0.1551
14	-0.1391	65	-0.1401	119	-0.1561
15	-0.1391	66	-0.1381	120	-0.1671
16	-0.1371	67	-0.1401	121	-0.1661
17	-0.1381	68	-0.1391	122	-0.1641
18	-0.1371	69	-0.1381	123	-0.1631
19	-0.1381	70	-0.1391	124	-0.0501
20	-0.1381	71	-0.1381	125	-0.0731
21	-0.1371	72	-0.1371	126	-0.0201
22	-0.1391	73	-0.1381	127	-0.0501
23	-0.1401	74	-0.1381	128	-0.0171
24	-0.1401	75	-0.1411	129	-0.1861
25	-0.1391	76	-0.1391	135	-0.0221
26	-0.1381	77	-0.1411	136	-0.0271
27	-0.1381	78	-0.1411	137	-0.0171
28	-0.1371	79	-0.1401	138	0.1009
29	-0.1381	80	-0.1391	139	0.0749
30	-0.1351	81	-0.1411	140	0.1009
32	-0.1371	82	-0.1401	141	0.2259
33	-0.1401	83	-0.1431	142	0.2269
34	-0.1401	84	-0.1421	143	0.2249
35	-0.1371	85	-0.1431	145	-0.0271
36	-0.1381	86	-0.1411	147	0.2269
37	-0.1391	87	-0.1391	151	-0.0591
38	-0.1391	88	-0.1401	152	-0.1551
39	-0.1381	89	-0.1391	153	-0.3691
40	-0.1391	90	-0.1401	154	-0.4611
41	-0.1391	91	-0.1411	155	0.3469
42	-0.1411	92	-0.1411	156	0.0219
43	-0.1431	93	-0.1401	157	-0.1451
44	-0.1411	94	-0.1381	158	0.4339
45	-0.1431	95	-0.1401	159	0.2449
46	-0.1411	96	-0.1391	160	0.1829
47	-0.1391	97	-0.1391	161	0.0619
48	-0.1401	98	-0.1391	162	0.4599
49	-0.1381	99	-0.1401	163	0.4089
50	-0.1401	100	-0.1391	164	0.0709
51	-0.1381	101	-0.1391	165	0.1229

ORF	CP	ORF	CP	ORF	CP
166	0.4539	217	-0.1661	268	0.0089
167	0.2729	218	-0.1651	269	0.1279
168	0.2329	219	-0.1661	270	0.2679
169	0.0849	220	-0.1641	271	-0.1701
170	0.3529	221	-0.1461	272	0.0359
171	0.1089	222	-0.2921	273	0.2569
172	-0.1151	223	-0.4251	274	0.2939
173	-0.0001	224	-0.4171	275	0.3229
174	-0.1751	225	0.3009	276	0.3489
175	-0.2761	226	0.1889	277	0.2089
176	-0.4881	227	-0.9511	278	-0.9881
177	-0.3271	228	-0.8661	279	-0.9451
178	-0.2421	229	-0.7471	280	-0.9021
179	-0.1161	230	-0.5151	281	-0.7551
180	-0.3231	231	-0.3141	282	-0.6171
181	0.1229	232	-0.2561	283	-0.4491
182	0.3949	233	-0.2211	284	-0.2491
183	0.2719	234	-0.1361	285	-0.1291
184	0.5249	235	-0.3041	286	-0.1601
185	0.6799	236	-0.2921	287	0.0509
186	0.7859	237	-0.3211	288	0.2719
187	0.8059	238	-0.2961	289	0.2979
188	0.8639	239	0.2759	290	0.1539
189	0.9189	240	0.1779	291	-0.7631
190	-0.3451	241	-1.0011	292	0.0559
191	-0.3261	242	-0.9081	325	0.4569
192	-0.3291	244	-0.5571	326	0.5159
193	-0.3241	245	-0.3651	327	0.5309
194	-0.3231	246	-0.3121	328	0.5669
195	-0.3141	247	-0.2491	329	0.5749
196	-0.3161	248	-0.1231	330	0.6389
197	-0.3191	249	-0.2571	331	0.7769
198	-0.3261	250	-0.1701	332	0.8939
199	-0.3271	251	-0.1371	333	1.0129
200	-0.3281	252	-0.1001	334	1.1969
201	-0.3191	253	0.2859	335	1.2759
202	-0.3231	254	0.1589	336	1.2619
203	-0.3241	255	-1.0071	337	1.2349
204	-0.3191	256	-0.9421	338	1.2459
205	0.2429	257	-0.8861	339	1.2629
206	0.2549	258	-0.7311	340	1.2759
207	0.2809	259	-0.4611	341	1.2839
208	0.2569	260	-0.3461	350	-0.1561
210	0.2239	261	-0.2521	351	-0.1551
211	0.3239	262	-0.0951	352	-0.1541
212	0.3629	263	-0.2181	353	-0.1541
213	-0.1641	264	-0.0111	354	-0.1561
214	-0.1631	265	0.1359	355	-0.1571
215	-0.1631	266	0.1329		
216	-0.1661	267	-0.1911		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1913
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 319.
CONFIGURATION NO. = 16.
ANGLE OF MODEL ROLL(DEG) = 900.0
MACH NUMBER = 1.051
TUNNEL DYNAMIC PRESSURE(PSF) = 749.
TUNNEL STAGNATION PRESSURE(PSF) = 1949.
TUNNEL STATIC PRESSURE(PSF) = 970.
REYNOLDS NUMBER PER FOOT = 4.0080E 06
MODEL ANGLE OF ATTACK(DEG) = 4.03
FIN ANGLE(DEG) = -0.
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 560.

SCANIVALUE	CP(REF)
147	-0.0871
247	-0.0881
347	-0.0871
447	-0.0871
547	-0.0871
647	-0.0881
747	-0.0871

ORF	CP	ORF	CP	ORF	CP
1	-0.1571	52	-0.1581	102	-0.1591
2	-0.1571	53	-0.1581	103	-0.1581
3	-0.1561	54	-0.1561	104	-0.1561
4	-0.1581	55	-0.1601	105	-0.1571
5	-0.1601	56	-0.1611	110	-0.1671
6	-0.1571	57	-0.1591	111	-0.1931
7	-0.1561	58	-0.1571	112	-0.1181
8	-0.1541	59	-0.1581	113	-0.1131
9	-0.1571	60	-0.1581	114	-0.1441
10	-0.1591	61	-0.1581	115	-0.1461
11	-0.1581	62	-0.1581	116	-0.1441
12	-0.1561	63	-0.1571	117	-0.1451
13	-0.1541	64	-0.1561	118	-0.1451
14	-0.1561	65	-0.1551	119	-0.1421
15	-0.1581	66	-0.1601	120	-0.1451
16	-0.1561	67	-0.1561	121	-0.1421
17	-0.1581	68	-0.1551	122	-0.1391
18	-0.1571	69	-0.1581	123	-0.1401
19	-0.1551	70	-0.1601	124	-0.0241
20	-0.1561	71	-0.1571	125	-0.0581
21	-0.1591	72	-0.1551	126	-0.0081
22	-0.1591	73	-0.1561	127	-0.0361
23	-0.1601	74	-0.1551	128	0.0129
24	-0.1591	75	-0.1561	129	-0.1581
25	-0.1561	76	-0.1571	135	0.0059
26	-0.1581	77	-0.1561	136	-0.0001
27	-0.1571	78	-0.1561	137	0.0109
28	-0.1571	79	-0.1561	138	0.1329
29	-0.1591	80	-0.1561	139	0.0999
30	-0.1551	81	-0.1541	140	0.1329
32	-0.1541	82	-0.1561	141	0.2419
33	-0.1551	83	-0.1561	142	0.2409
34	-0.1531	84	-0.1561	143	0.2429
35	-0.1551	85	-0.1551	145	-0.0051
36	-0.1561	86	-0.1581	147	0.2399
37	-0.1551	87	-0.1581	151	0.0349
38	-0.1541	88	-0.1561	152	-0.0821
39	-0.1551	89	-0.1551	153	-0.4011
40	-0.1551	90	-0.1541	154	-0.5201
41	-0.1551	91	-0.1551	155	0.4989
42	-0.1551	92	-0.1581	156	0.1129
43	-0.1571	93	-0.1571	157	-0.0881
44	-0.1571	94	-0.1581	158	0.4899
45	-0.1561	95	-0.1541	159	0.3289
46	-0.1581	96	-0.1561	160	0.2579
47	-0.1591	97	-0.1571	161	0.1159
48	-0.1571	98	-0.1571	162	0.4639
49	-0.1551	99	-0.1581	163	0.4489
50	-0.1541	100	-0.1581	164	0.0939
51	-0.1581	101	-0.1591	165	0.1529

DRF	CP	DRF	CP	DRF	CP
166	0.4339	217	-0.1541	268	0.1009
167	0.3319	218	-0.1501	269	0.2619
168	0.2869	219	-0.1511	270	0.3459
169	0.1209	220	-0.1511	271	-0.0711
170	0.3909	221	-0.1251	272	0.1229
171	0.1789	222	-0.2511	273	0.3179
172	-0.0531	223	-0.4681	274	0.3459
173	0.0709	224	-0.4591	275	0.5089
174	-0.0861	225	0.5509	276	0.4179
175	-0.2141	226	0.3609	277	0.2779
176	-0.4121	227	-0.9541	278	-0.9831
177	-0.2071	228	-0.8611	279	-0.9451
178	-0.2661	229	-0.7581	280	-0.9041
179	-0.0911	230	-0.4701	281	-0.7451
180	-0.3371	231	-0.2831	282	-0.5801
181	-0.0121	232	-0.2481	283	-0.4741
182	0.2279	233	-0.2811	284	-0.3271
183	0.3329	234	-0.0691	285	-0.0921
184	0.5649	235	-0.2531	286	-0.0561
185	0.6809	236	-0.2431	287	0.1279
186	0.7429	237	-0.2931	288	0.3109
187	0.7929	238	-0.2571	289	0.3249
188	0.8409	239	0.4719	290	0.2769
189	0.8719	240	0.3669	291	-0.9051
190	-0.3581	241	-0.9551	292	-0.0731
191	-0.3321	242	-0.8491	325	0.2689
192	-0.3391	244	-0.5951	326	0.2949
193	-0.3441	245	-0.4301	327	0.2829
194	-0.3441	246	-0.3551	328	0.2589
195	-0.3291	247	-0.2811	329	0.2419
196	-0.3361	248	-0.0331	330	0.2389
197	-0.3371	249	-0.2281	331	0.4359
198	-0.3351	250	-0.0911	332	0.6829
199	-0.3361	251	-0.0451	333	0.9589
200	-0.3331	252	0.0039	334	1.1929
201	-0.3331	253	0.4749	335	1.2319
202	-0.3311	254	0.3349	336	1.2049
203	-0.3291	255	-0.9691	337	1.1869
204	-0.3301	256	-0.9041	338	1.2169
205	0.3209	257	-0.8491	339	1.2409
206	0.3229	258	-0.7461	340	1.2549
207	0.3709	259	-0.6101	341	1.2599
208	0.3279	260	-0.4951	350	-0.1431
210	0.3609	261	-0.2611	351	-0.1441
211	0.6169	262	-0.0261	352	-0.1431
212	0.7779	263	-0.1681	353	-0.1421
213	-0.1551	264	0.0889	354	-0.1441
214	-0.1551	265	0.2359	355	-0.1431
215	-0.1571	266	0.2669		
216	-0.1561	267	-0.1051		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1914
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 319.
CONFIGURATION NO. = 16.
ANGLE OF MODEL ROLL(DEG) = 900.0
MACH NUMBER = 1.048
TUNNEL DYNAMIC PRESSURE(PSF) = 748.
TUNNEL STAGNATION PRESSURE(PSF) = 1949.
TUNNEL STATIC PRESSURE(PSF) = 972.
REYNOLDS NUMBER PER FOOT = 4.0050E 06
MODEL ANGLE OF ATTACK(DEG) = 7.95
FIN ANGLE(DEG) = -0.
FREE-STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 560.

SCANIVALUE	CP(REF)
147	-0.0895
247	-0.0905
347	-0.0895
447	-0.0895
547	-0.0905
647	-0.0905
747	-0.0905

ORF	CP	ORF	CP	ORF	CP
1	-0.1555	52	-0.1535	102	-0.1555
2	-0.1555	53	-0.1545	103	-0.1545
3	-0.1585	54	-0.1545	104	-0.1535
4	-0.1565	55	-0.1575	105	-0.1555
5	-0.1555	56	-0.1565	110	-0.2355
6	-0.1545	57	-0.1545	111	-0.2555
7	-0.1535	58	-0.1545	112	-0.1775
8	-0.1545	59	-0.1555	113	-0.1465
9	-0.1535	60	-0.1565	114	-0.1545
10	-0.1525	61	-0.1555	115	-0.1515
11	-0.1525	62	-0.1565	116	-0.1505
12	-0.1525	63	-0.1575	117	-0.1565
13	-0.1565	64	-0.1585	118	-0.1565
14	-0.1575	65	-0.1575	119	-0.1545
15	-0.1565	66	-0.1565	120	-0.1475
16	-0.1545	67	-0.1565	121	-0.1565
17	-0.1545	68	-0.1585	122	-0.1575
18	-0.1575	69	-0.1595	123	-0.1565
19	-0.1575	70	-0.1565	124	-0.0455
20	-0.1565	71	-0.1565	125	-0.0735
21	-0.1555	72	-0.1575	126	-0.0155
22	-0.1565	73	-0.1575	127	-0.0495
23	-0.1545	74	-0.1575	128	-0.0065
24	-0.1525	75	-0.1575	129	-0.1645
25	-0.1535	76	-0.1595	135	-0.0105
26	-0.1545	77	-0.1605	136	-0.0215
27	-0.1555	78	-0.1585	137	-0.0055
28	-0.1545	79	-0.1565	138	0.1145
29	-0.1555	80	-0.1545	139	0.0805
30	-0.1565	81	-0.1555	140	0.1055
32	-0.1565	82	-0.1555	141	0.2215
33	-0.1535	83	-0.1565	142	0.2355
34	-0.1535	84	-0.1565	143	0.2425
35	-0.1535	85	-0.1575	145	-0.0215
36	-0.1555	86	-0.1555	147	0.2335
37	-0.1555	87	-0.1545	151	0.0595
38	-0.1575	88	-0.1545	152	-0.0435
39	-0.1575	89	-0.1545	153	-0.3705
40	-0.1565	90	-0.1575	154	-0.5245
41	-0.1555	91	-0.1545	155	0.4525
42	-0.1545	92	-0.1535	156	0.1095
43	-0.1565	93	-0.1525	157	-0.0945
44	-0.1565	94	-0.1535	158	0.5195
45	-0.1585	95	-0.1565	159	0.3595
46	-0.1555	96	-0.1575	160	0.2795
47	-0.1555	97	-0.1555	161	0.1275
48	-0.1555	98	-0.1575	162	0.5375
49	-0.1545	99	-0.1555	163	0.5225
50	-0.1555	100	-0.1555	164	0.0715
51	-0.1535	101	-0.1575	165	0.2145

ORF	CP	ORF	CP	ORF	CP
166	0.5485	217	-0.1565	268	0.1545
167	0.4605	218	-0.1565	269	0.2585
168	0.4045	219	-0.1565	270	0.3815
169	0.2295	220	-0.1565	271	-0.0255
170	0.5615	221	-0.0685	272	0.1725
171	0.3205	222	-0.2205	273	0.3705
172	0.0635	223	-0.5275	274	0.3995
173	0.1785	224	-0.4975	275	0.5825
174	0.0675	225	0.8125	276	0.4755
175	-0.1605	226	0.5925	277	0.3275
176	-0.3455	227	-0.9175	278	-0.9755
177	-0.2315	228	-0.8215	279	-0.9375
178	-0.1195	229	-0.7225	280	-0.8935
179	0.0255	230	-0.5225	281	-0.7305
180	-0.3485	231	-0.3865	282	-0.5775
181	-0.0895	232	-0.3055	283	-0.4695
182	0.1395	233	-0.2845	284	-0.3005
183	0.2575	234	0.0005	285	-0.0405
184	0.4625	235	-0.1865	286	-0.0265
185	0.5655	236	-0.1445	287	0.1755
186	0.6135	237	-0.2175	288	0.3775
187	0.6395	238	-0.2005	289	0.4015
188	0.6755	239	0.5835	290	0.2845
189	0.6795	240	0.4655	291	-1.0885
190	-0.3425	241	-0.9495	292	-0.1685
191	-0.3185	242	-0.8465	325	0.1305
192	-0.3325	244	-0.6045	326	0.1235
193	-0.3345	245	-0.4905	327	0.0895
194	-0.3235	246	-0.4085	328	0.0275
195	-0.3175	247	-0.2785	329	-0.0175
196	-0.3495	248	-0.0035	330	-0.0255
197	-0.3325	249	-0.1325	331	0.1115
198	-0.3305	250	-0.0165	332	0.3655
199	-0.3335	251	-0.0025	333	0.6585
200	-0.3325	252	0.0375	334	1.1355
201	-0.3185	253	0.5105	335	1.2465
202	-0.3235	254	0.3565	336	1.2075
203	-0.3285	255	-0.9765	337	1.1665
204	-0.3345	256	-0.9215	338	1.1995
205	0.3655	257	-0.8715	339	1.2265
206	0.4435	258	-0.7555	340	1.2415
207	0.4265	259	-0.5975	341	1.2425
208	0.3705	260	-0.4755	350	-0.1555
210	0.5145	261	-0.2665	351	-0.1545
211	0.7815	262	0.0045	352	-0.1545
212	0.9755	263	-0.0885	353	-0.1545
213	-0.1575	264	0.1425	354	-0.1565
214	-0.1575	265	0.2695	355	-0.1575
215	-0.1575	266	0.2675		
216	-0.1575	267	-0.0535		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1915
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 319.
CONFIGURATION NO. = 16.
ANGLE OF MODEL ROLL(DEG) = 900.0
MACH NUMBER = 1.050
TUNNEL DYNAMIC PRESSURE(PSF) = 749.
TUNNEL STAGNATION PRESSURE(PSF) = 1950.
TUNNEL STATIC PRESSURE(PSF) = 971.
REYNOLDS NUMBER PER FOOT = 4.0040E 06
MODEL ANGLE OF ATTACK(DEG) = 11.94
FIN ANGLE(DEG) = -0.
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 560.

SCANIVALUE	CP(REF)
147	-0.0884
247	-0.0904
347	-0.0894
447	-0.0884
547	-0.0874
647	-0.0874
747	-0.0884

ORF	CP	ORF	CP	ORF	CP
1	-0.1774	52	-0.1754	102	-0.1794
2	-0.1784	53	-0.1734	103	-0.1784
3	-0.1814	54	-0.1714	104	-0.1784
4	-0.1804	55	-0.1774	105	-0.1784
5	-0.1774	56	-0.1794	110	-0.2974
6	-0.1774	57	-0.1784	111	-0.3234
7	-0.1744	58	-0.1784	112	-0.2764
8	-0.1754	59	-0.1774	113	-0.1994
9	-0.1744	60	-0.1774	114	-0.1984
10	-0.1734	61	-0.1764	115	-0.2014
11	-0.1724	62	-0.1794	116	-0.2034
12	-0.1714	63	-0.1774	117	-0.2074
13	-0.1744	64	-0.1744	118	-0.2124
14	-0.1744	65	-0.1744	119	-0.2144
15	-0.1764	66	-0.1754	120	-0.1754
16	-0.1754	67	-0.1794	121	-0.1754
17	-0.1754	68	-0.1764	122	-0.1854
18	-0.1734	69	-0.1744	123	-0.1934
19	-0.1744	70	-0.1764	124	-0.0294
20	-0.1774	71	-0.1764	125	-0.0714
21	-0.1754	72	-0.1774	126	-0.0274
22	-0.1764	73	-0.1774	127	-0.0514
23	-0.1784	74	-0.1784	128	-0.0264
24	-0.1764	75	-0.1764	129	-0.1854
25	-0.1774	76	-0.1764	135	-0.0144
26	-0.1774	77	-0.1744	136	-0.0264
27	-0.1764	78	-0.1734	137	-0.0274
28	-0.1754	79	-0.1734	138	0.1346
29	-0.1784	80	-0.1764	139	0.1286
30	-0.1754	81	-0.1754	140	0.1306
32	-0.1774	82	-0.1774	141	0.2716
33	-0.1774	83	-0.1794	142	0.2316
34	-0.1754	84	-0.1804	143	0.2816
35	-0.1754	85	-0.1804	145	-0.0234
36	-0.1714	86	-0.1804	147	0.2256
37	-0.1724	87	-0.1784	151	0.0886
38	-0.1724	88	-0.1774	152	-0.0154
39	-0.1764	89	-0.1744	153	-0.3484
40	-0.1764	90	-0.1754	154	-0.5444
41	-0.1754	91	-0.1714	155	0.4916
42	-0.1734	92	-0.1744	156	0.1206
43	-0.1784	93	-0.1744	157	-0.0954
44	-0.1794	94	-0.1744	158	0.5966
45	-0.1804	95	-0.1744	159	0.3896
46	-0.1804	96	-0.1744	160	0.3006
47	-0.1784	97	-0.1764	161	0.1486
48	-0.1774	98	-0.1774	162	0.6036
49	-0.1744	99	-0.1794	163	0.5846
50	-0.1754	100	-0.1784	164	0.1246
51	-0.1754	101	-0.1774	165	0.2486

ORF	CP	ORF	CP	ORF	CP
166	0.6246	217	-0.1554	268	0.2096
167	0.5386	218	-0.1544	269	0.3116
168	0.4786	219	-0.1524	270	0.4606
169	0.2906	220	-0.1534	271	0.0216
170	0.6646	221	-0.0884	272	0.2356
171	0.4066	222	-0.2554	273	0.4466
172	0.1316	223	-0.5944	274	0.4766
173	0.2566	224	-0.4874	275	0.6246
174	0.1516	225	-0.9276	276	0.5216
175	-0.0794	226	0.6816	277	0.3736
176	-0.2684	227	-0.9014	278	-0.9594
177	-0.2494	228	-0.8164	279	-0.9154
178	-0.0864	229	-0.7294	280	-0.8684
179	0.0246	230	-0.5694	281	-0.6994
180	-0.3594	231	-0.4144	282	-0.5664
181	-0.0874	232	-0.3344	283	-0.4584
182	0.1196	233	-0.2704	284	-0.2674
183	0.2196	234	0.1296	285	0.0406
184	0.4806	235	-0.0934	286	0.0096
185	0.6746	236	-0.0634	287	0.2416
186	0.7346	237	-0.1674	288	0.4526
187	0.7186	238	-0.1584	289	0.4766
188	0.6976	239	0.6016	290	0.3536
189	0.6636	240	0.4686	291	-1.0834
190	-0.3344	241	-0.9514	292	-0.2344
191	-0.3294	242	-0.8484	325	-0.1144
192	-0.3354	244	-0.5954	326	-0.0834
193	-0.3324	245	-0.4674	327	-0.0834
194	-0.3344	246	-0.4044	328	-0.1014
195	-0.3274	247	-0.2444	329	-0.1524
196	-0.3814	248	0.0586	330	-0.1724
197	-0.3414	249	-0.0614	331	-0.1264
198	-0.3454	250	0.0396	332	0.0056
199	-0.3514	251	0.0436	333	0.3406
200	-0.3444	252	0.0726	334	0.9296
201	-0.3294	253	0.5426	335	1.1366
202	-0.3304	254	0.3866	336	1.1366
203	-0.3354	255	-0.9704	337	1.1396
204	-0.3344	256	-0.9244	338	1.1636
205	0.4116	257	-0.8794	339	1.1906
206	0.4946	258	-0.7804	340	1.2146
207	0.4816	259	-0.6314	341	1.2246
208	0.4146	260	-0.4964	350	-0.2134
210	0.4636	261	-0.2024	351	-0.2144
211	0.9156	262	0.0826	352	-0.2164
212	1.0996	263	-0.0274	353	-0.2144
213	-0.1604	264	0.2046	354	-0.2174
214	-0.1594	265	0.3356	355	-0.2184
215	-0.1564	266	0.3226		
216	-0.1544	267	-0.0064		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1916
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 319.
CONFIGURATION NO. = 16.
ANGLE OF MODEL ROLL(DEG) = 900.0
MACH NUMBER = 1.048
TUNNEL DYNAMIC PRESSURE(PSF) = 749.
TUNNEL STAGNATION PRESSURE(PSF) = 1951.
TUNNEL STATIC PRESSURE(PSF) = 974.
REYNOLDS NUMBER PER FOOT = 4.0200E 06
MODEL ANGLE OF ATTACK(DEG) = 0.10
FIN ANGLE(DEG) = -0.
FREE^oSTREAM TOTAL TEMPERATURE(DEG. RANKINE) = 559.

SCANIVALUE	CP(REF)
147	-0.0934
247	-0.0944
347	-0.0924
447	-0.0924
547	-0.0834
647	-0.0844
747	-0.0834

ORF	CP	ORF	CP	ORF	CP
1	-0.1394	52	-0.1464	102	-0.1474
2	-0.1424	53	-0.1474	103	-0.1464
3	-0.1424	54	-0.1484	104	-0.1464
4	-0.1424	55	-0.1484	105	-0.1494
5	-0.1434	56	-0.1484	110	-0.1614
6	-0.1434	57	-0.1484	111	-0.1894
7	-0.1424	58	-0.1474	112	-0.1134
8	-0.1454	59	-0.1494	113	-0.1154
9	-0.1464	60	-0.1484	114	-0.1464
10	-0.1454	61	-0.1484	115	-0.1504
11	-0.1464	62	-0.1494	116	-0.1484
12	-0.1474	63	-0.1494	117	-0.1494
13	-0.1504	64	-0.1514	118	-0.1484
14	-0.1504	65	-0.1514	119	-0.1464
15	-0.1494	66	-0.1484	120	-0.1534
16	-0.1494	67	-0.1494	121	-0.1464
17	-0.1494	68	-0.1514	122	-0.1484
18	-0.1484	69	-0.1494	123	-0.1464
19	-0.1504	70	-0.1504	124	-0.0334
20	-0.1484	71	-0.1504	125	-0.0584
21	-0.1484	72	-0.1504	126	-0.0074
22	-0.1474	73	-0.1494	127	-0.0304
23	-0.1474	74	-0.1494	128	0.0046
24	-0.1484	75	-0.1474	129	-0.1714
25	-0.1474	76	-0.1464	135	-0.0004
26	-0.1484	77	-0.1484	136	-0.0084
27	-0.1474	78	-0.1474	137	0.0046
28	-0.1464	79	-0.1474	138	0.1216
29	-0.1484	80	-0.1494	139	0.1016
30	-0.1494	81	-0.1504	140	0.1266
32	-0.1474	82	-0.1484	141	0.2456
33	-0.1464	83	-0.1394	142	0.2426
34	-0.1484	84	-0.1424	143	0.2446
35	-0.1484	85	-0.1414	145	-0.0074
36	-0.1464	86	-0.1414	147	0.2436
37	-0.1454	87	-0.1414	151	-0.0674
38	-0.1454	88	-0.1424	152	-0.1584
39	-0.1454	89	-0.1414	153	-0.3704
40	-0.1464	90	-0.1504	154	-0.4644
41	-0.1454	91	-0.1484	155	0.3446
42	-0.1424	92	-0.1464	156	0.0116
43	-0.1404	93	-0.1454	157	-0.1534
44	-0.1434	94	-0.1464	158	0.4206
45	-0.1424	95	-0.1454	159	0.2286
46	-0.1424	96	-0.1504	160	0.1736
47	-0.1444	97	-0.1484	161	0.0606
48	-0.1444	98	-0.1494	162	0.4496
49	-0.1434	99	-0.1474	163	0.3936
50	-0.1454	100	-0.1484	164	0.0976
51	-0.1474	101	-0.1484	165	0.1106

ORF	CP	ORF	CP	ORF	CP
166	0.4326	217	-0.1434	268	0.0216
167	0.2646	218	-0.1444	269	0.1376
168	0.2136	219	-0.1484	270	0.2866
169	0.0706	220	-0.1484	271	-0.1644
170	0.3386	221	-0.1144	272	0.0456
171	0.0936	222	-0.2804	273	0.2686
172	-0.1244	223	-0.4124	274	0.3046
173	-0.0144	224	-0.4084	275	0.3366
174	-0.1834	225	0.3186	276	0.3616
175	-0.2864	226	0.1826	277	0.2196
176	-0.4924	227	-0.9504	278	-0.9874
177	-0.3294	228	-0.8674	279	-0.9454
178	-0.2444	229	-0.7444	280	-0.8994
179	-0.1154	230	-0.5124	281	-0.7494
180	-0.3214	231	-0.3184	282	-0.6154
181	0.1206	232	-0.2534	283	-0.4544
182	0.3806	233	-0.2144	284	-0.2424
183	0.2576	234	-0.1284	285	-0.1244
184	0.5136	235	-0.2944	286	-0.1584
185	0.6666	236	-0.2814	287	0.0606
186	0.7676	237	-0.3104	288	0.2816
187	0.7976	238	-0.2834	289	0.3026
188	0.8656	239	0.2976	290	0.1626
189	0.8776	240	0.1866	291	-0.7564
190	-0.3554	241	-0.9984	292	0.0646
191	-0.3294	242	-0.9044	325	0.4526
192	-0.3414	244	-0.5414	326	0.4826
193	-0.3304	245	-0.3604	327	0.5056
194	-0.3284	246	-0.3054	328	0.5206
195	-0.3274	247	-0.2414	329	0.5516
196	-0.3324	248	-0.1084	330	0.6106
197	-0.3284	249	-0.2474	331	0.7436
198	-0.3284	250	-0.1614	332	0.8616
199	-0.3294	251	-0.1264	333	0.9796
200	-0.3294	252	-0.0864	334	1.1706
201	-0.3264	253	0.3066	335	1.2516
202	-0.3234	254	0.1716	336	1.2386
203	-0.3234	255	-1.0044	337	1.2106
204	-0.3214	256	-0.9384	338	1.2216
205	0.2586	257	-0.8804	339	1.2386
206	0.2626	258	-0.7234	340	1.2496
207	0.2946	259	-0.4454	341	1.2576
208	0.2726	260	-0.3454	350	-0.1444
210	0.2366	261	-0.2454	351	-0.1474
211	0.3516	262	-0.0864	352	-0.1484
212	0.3786	263	-0.2154	353	-0.1464
213	-0.1454	264	0.0036	354	-0.1434
214	-0.1454	265	0.1456	355	-0.1434
215	-0.1474	266	0.1486		
216	-0.1454	267	-0.1894		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1917
 TUNNEL = 11
 TEST NO. = 086
 TEST PHASE = 2
 RUN NUMBER = 320.
 CONFIGURATION NO. = 16.
 ANGLE OF MODEL ROLL(DEG) = 900.0
 MACH NUMBER = 0.899
 TUNNEL DYNAMIC PRESSURE(PSF) = 687.
 TUNNEL STAGNATION PRESSURE(PSF) = 2053.
 TUNNEL STATIC PRESSURE(PSF) = 1215.
 REYNOLDS NUMBER PER FOOT = 4.0170E 06
 MODEL ANGLE OF ATTACK(DEG) = -12.08
 FIN ANGLE(DEG) = -0.
 FREE*STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 561.

SCANIVALUE	CP(REF)
147	-0.4526
247	-0.4536
347	-0.4536
447	-0.4536
547	-0.4546
647	-0.4546
747	-0.4546

ORF	CP	ORF	CP	ORF	CP
1	-0.1156	52	-0.1136	102	-0.1166
2	-0.1166	53	-0.1156	103	-0.1136
3	-0.1136	54	-0.1156	104	-0.1136
4	-0.1146	55	-0.1166	105	-0.1196
5	-0.1136	56	-0.1166	110	-0.1706
6	-0.1146	57	-0.1126	111	-0.1916
7	-0.1146	58	-0.1136	112	-0.1246
8	-0.1156	59	-0.1176	113	-0.1366
9	-0.1126	60	-0.1146	114	-0.1266
10	-0.1146	61	-0.1136	115	-0.1266
11	-0.1156	62	-0.1136	116	-0.1266
12	-0.1156	63	-0.1156	117	-0.1256
13	-0.1146	64	-0.1156	118	-0.1256
14	-0.1156	65	-0.1156	119	-0.1276
15	-0.1146	66	-0.1146	120	-0.1526
16	-0.1136	67	-0.1136	121	-0.1236
17	-0.1146	68	-0.1146	122	-0.1246
18	-0.1136	69	-0.1136	123	-0.1286
19	-0.1146	70	-0.1146	124	-0.0596
20	-0.1136	71	-0.1156	125	-0.0846
21	-0.1146	72	-0.1146	126	-0.0426
22	-0.1166	73	-0.1156	127	-0.0646
23	-0.1166	74	-0.1156	128	-0.0236
24	-0.1136	75	-0.1136	129	-0.1606
25	-0.1136	76	-0.1146	135	-0.0216
26	-0.1166	77	-0.1136	136	-0.0316
27	-0.1136	78	-0.1146	137	-0.0266
28	-0.1136	79	-0.1146	138	0.1054
29	-0.1136	80	-0.1146	139	0.1004
30	-0.1136	81	-0.1136	140	0.1064
32	-0.1156	82	-0.1146	141	0.1894
33	-0.1136	83	-0.1156	142	0.1264
34	-0.1126	84	-0.1166	143	0.1474
35	-0.1146	85	-0.1146	145	-0.0276
36	-0.1146	86	-0.1156	147	0.1204
37	-0.1146	87	-0.1146	151	-0.2916
38	-0.1136	88	-0.1146	152	-0.2936
39	-0.1146	89	-0.1146	153	-0.2956
40	-0.1136	90	-0.1166	154	-0.2966
41	-0.1126	91	-0.1166	155	-0.1296
42	-0.1136	92	-0.1166	156	-0.2026
43	-0.1146	93	-0.1156	157	-0.2386
44	-0.1166	94	-0.1146	158	-0.0066
45	-0.1136	95	-0.1166	159	-0.1226
46	-0.1146	96	-0.1176	160	-0.1366
47	-0.1136	97	-0.1146	161	-0.1706
48	-0.1136	98	-0.1166	162	0.0154
49	-0.1146	99	-0.1146	163	-0.0276
50	-0.1156	100	-0.1156	164	0.1014
51	-0.1126	101	-0.1176	165	-0.1496

ORF	CP	ORF	CP	ORF	CP
166	0.0304	217	-0.1166	268	-0.2666
167	-0.0216	218	-0.1156	269	-0.2086
168	-0.0656	219	-0.1166	270	-0.0616
169	-0.1516	220	-0.1146	271	-0.2796
170	-0.0836	221	-0.1966	272	-0.2116
171	-0.0886	222	-0.1416	273	-0.0976
172	-0.1836	223	-0.4826	274	-0.0526
173	-0.0546	224	-0.3726	275	-0.0916
174	-0.1416	225	-0.9876	276	-0.0876
175	-0.2126	226	-1.2856	277	-0.2436
176	-0.2756	227	-1.2846	278	-1.2556
177	-0.4186	228	-1.2886	279	-1.1706
178	-0.3616	229	-1.2536	280	-1.0766
179	-0.3096	230	-1.1946	281	-0.8356
180	-0.2786	231	-0.9316	282	-0.5896
181	0.2234	232	-0.7606	283	-0.4926
182	0.5354	233	-0.5656	284	-0.4076
183	0.4594	234	-0.4696	285	-0.3336
184	0.6634	235	-0.4276	286	-0.2726
185	0.8454	236	-0.3456	287	-0.2006
186	1.0634	237	-0.3026	288	-0.0716
187	1.1824	238	-0.2746	289	-0.0186
188	1.2024	239	0.0564	290	-0.1856
189	1.1994	240	-0.0756	291	-1.1196
190	-0.2656	241	-1.3486	292	0.0684
191	-0.2386	242	-1.3026	325	0.2414
192	-0.2586	244	-0.9276	326	0.2964
193	-0.2546	245	-0.6636	327	0.3594
194	-0.2556	246	-0.5706	328	0.4914
195	-0.2396	247	-0.5016	329	0.6814
196	-0.2616	248	-0.4526	330	0.9214
197	-0.2556	249	-0.3926	331	1.1624
198	-0.2536	250	-0.3536	332	1.2014
199	-0.2566	251	-0.3086	333	1.2064
200	-0.2476	252	-0.3086	334	1.2164
201	-0.2506	253	-0.0456	335	1.2194
202	-0.2486	254	-0.1976	336	1.2194
203	-0.2466	255	-1.2166	337	1.2184
204	-0.2456	256	-1.1286	338	1.2184
205	-0.0766	257	-1.0166	339	1.2184
206	-0.0446	258	-0.7916	340	1.2184
207	-0.0396	259	-0.5516	341	1.2184
208	-0.0426	260	-0.4526	350	-0.1246
210	0.3374	261	-0.3926	351	-0.1246
211	0.4914	262	-0.3446	352	-0.1266
212	0.5704	263	-0.3436	353	-0.1286
213	-0.1136	264	-0.2796	354	-0.1276
214	-0.1146	265	-0.2166	355	-0.1246
215	-0.1156	266	-0.1896		
216	-0.1166	267	-0.3166		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1918
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 320.
CONFIGURATION NO. = 16.
ANGLE OF MODEL ROLL(DEG) = 900.0
MACH NUMBER = 0.898
TUNNEL DYNAMIC PRESSURE(PSF) = 683.
TUNNEL STAGNATION PRESSURE(PSF) = 2040.
TUNNEL STATIC PRESSURE(PSF) = 1208.
REYNOLDS NUMBER PER FOOT = 3.9950E 06
MODEL ANGLE OF ATTACK(DEG) = -8.10
FIN ANGLE(DEG) = -0.
FREE*STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 560.

SCANIVALUE	CP(REF)
147	-0.4457
247	-0.4457
347	-0.4437
447	-0.4447
547	-0.4517
647	-0.4517
747	-0.4517

ORF	CP	ORF	CP	ORF	CP
1	-0.0957	52	-0.0867	102	-0.0847
2	-0.0937	53	-0.0897	103	-0.0847
3	-0.0917	54	-0.0877	104	-0.0837
4	-0.0957	55	-0.0827	105	-0.0847
5	-0.0907	56	-0.0847	110	-0.1147
6	-0.0877	57	-0.0837	111	-0.1497
7	-0.0877	58	-0.0827	112	-0.0927
8	-0.0867	59	-0.0827	113	-0.1137
9	-0.0857	60	-0.0847	114	-0.1067
10	-0.0877	61	-0.0867	115	-0.1057
11	-0.0897	62	-0.0877	116	-0.1067
12	-0.0867	63	-0.0877	117	-0.1087
13	-0.0867	64	-0.0887	118	-0.1087
14	-0.0887	65	-0.0867	119	-0.1087
15	-0.0897	66	-0.0847	120	-0.1177
16	-0.0867	67	-0.0857	121	-0.1107
17	-0.0837	68	-0.0847	122	-0.1097
18	-0.0837	69	-0.0837	123	-0.1067
19	-0.0857	70	-0.0847	124	-0.0437
20	-0.0867	71	-0.0857	125	-0.0707
21	-0.0847	72	-0.0817	126	-0.0357
22	-0.0827	73	-0.0827	127	-0.0547
23	-0.0847	74	-0.0867	128	-0.0097
24	-0.0847	75	-0.0867	129	-0.1477
25	-0.0837	76	-0.0877	135	-0.0127
26	-0.0837	77	-0.0877	136	-0.0177
27	-0.0847	78	-0.0887	137	-0.0097
28	-0.0857	79	-0.0887	138	0.1033
29	-0.0867	80	-0.0867	139	0.0923
30	-0.0817	81	-0.0867	140	0.1013
32	-0.0857	82	-0.0867	141	0.1643
33	-0.0857	83	-0.0957	142	0.1343
34	-0.0867	84	-0.0937	143	0.1493
35	-0.0867	85	-0.0927	145	-0.0207
36	-0.0887	86	-0.0957	147	0.1323
37	-0.0877	87	-0.0887	151	-0.1857
38	-0.0867	88	-0.0877	152	-0.2817
39	-0.0877	89	-0.0877	153	-0.2557
40	-0.0877	90	-0.0877	154	-0.2587
41	-0.0907	91	-0.0877	155	0.0553
42	-0.0927	92	-0.0897	156	-0.0977
43	-0.0957	93	-0.0877	157	-0.1627
44	-0.0937	94	-0.0857	158	0.1553
45	-0.0907	95	-0.0857	159	0.0293
46	-0.0947	96	-0.0897	160	0.0123
47	-0.0887	97	-0.0867	161	-0.0557
48	-0.0867	98	-0.0877	162	0.1413
49	-0.0877	99	-0.0877	163	0.1103
50	-0.0847	100	-0.0857	164	0.0923
51	-0.0847	101	-0.0847	165	-0.0427

ORF	CP	ORF	CP	ORF	CP
166	0.1393	217	-0.1117	268	-0.1607
167	0.0593	218	-0.1107	269	-0.0727
168	0.0223	219	-0.1127	270	0.0453
169	-0.0757	220	-0.1107	271	-0.2127
170	0.1233	221	-0.0867	272	-0.1167
171	-0.0227	222	-0.1637	273	0.0263
172	-0.1497	223	-0.5557	274	0.0613
173	-0.0297	224	-0.5007	275	-0.0667
174	-0.1097	225	-0.7717	276	-0.0397
175	-0.2077	226	-0.9957	277	-0.1807
176	-0.2587	227	-1.5497	278	-1.3987
177	-0.4347	228	-1.5127	279	-1.2827
178	-0.3067	229	-1.4667	280	-1.1227
179	-0.2137	230	-1.4517	281	-0.8387
180	-0.2317	231	-1.1517	282	-0.6577
181	0.1453	232	-0.9287	283	-0.4977
182	0.4673	233	-0.7127	284	-0.3687
183	0.4163	234	-0.4107	285	-0.2687
184	0.6153	235	-0.3617	286	-0.1977
185	0.7753	236	-0.3017	287	-0.0947
186	0.9713	237	-0.2907	288	0.0293
187	1.1293	238	-0.2697	289	0.0653
188	1.1803	239	-0.0057	290	-0.0437
189	1.1733	240	-0.1497	291	-1.1537
190	-0.2357	241	-1.4577	292	0.1493
191	-0.1947	242	-1.3727	325	0.4563
192	-0.2227	244	-1.0577	326	0.4823
193	-0.2217	245	-0.6587	327	0.5083
194	-0.2247	246	-0.5307	328	0.5743
195	-0.1937	247	-0.4707	329	0.7133
196	-0.2277	248	-0.3907	330	0.8943
197	-0.2227	249	-0.3547	331	1.1343
198	-0.2307	250	-0.2887	332	1.1513
199	-0.2307	251	-0.2387	333	1.1183
200	-0.2107	252	-0.2227	334	1.1443
201	-0.2067	253	0.0423	335	1.1573
202	-0.2267	254	-0.1087	336	1.1873
203	-0.2247	255	-1.4127	337	1.2033
204	-0.2107	256	-1.3167	338	1.2073
205	-0.0577	257	-1.2177	339	1.2123
206	-0.0577	258	-1.0277	340	1.2153
207	-0.0257	259	-0.6457	341	1.2173
208	-0.0397	260	-0.5007	350	-0.1087
210	0.2843	261	-0.3777	351	-0.1077
211	0.4343	262	-0.2837	352	-0.1097
212	0.5413	263	-0.2937	353	-0.1067
213	-0.1117	264	-0.1817	354	-0.1057
214	-0.1147	265	-0.0607	355	-0.1067
215	-0.1167	266	-0.0447		
216	-0.1117	267	-0.2557		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1920
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 320.
CONFIGURATION NO. = 16.
ANGLE OF MODEL ROLL(DEG) = 900.0
MACH NUMBER = 0.898
TUNNEL DYNAMIC PRESSURE(PSF) = 683.
TUNNEL STAGNATION PRESSURE(PSF) = 2044.
TUNNEL STATIC PRESSURE(PSF) = 1212.
REYNOLDS NUMBER PER FOOT = 4.0020E 06
MODEL ANGLE OF ATTACK(DEG) = 0.09
FIN ANGLE(DEG) = -0.
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 560.

SCANIVALUE	CP(REF)
147	-0.4515
247	-0.4535
347	-0.4525
447	-0.4515
547	-0.4495
647	-0.4505
747	-0.4505

ORF	CP	ORF	CP	ORF	CP
1	-0.0965	52	-0.0975	102	-0.0945
2	-0.0945	53	-0.0965	103	-0.0935
3	-0.0955	54	-0.0955	104	-0.0925
4	-0.0945	55	-0.0935	105	-0.0945
5	-0.0965	56	-0.0935	110	-0.0495
6	-0.0945	57	-0.0925	111	-0.0775
7	-0.0935	58	-0.0925	112	-0.0305
8	-0.0935	59	-0.0945	113	-0.0545
9	-0.0945	60	-0.0925	114	-0.0935
10	-0.0955	61	-0.0925	115	-0.0915
11	-0.0945	62	-0.0965	116	-0.0925
12	-0.0945	63	-0.0965	117	-0.0895
13	-0.0965	64	-0.0975	118	-0.0925
14	-0.0965	65	-0.0975	119	-0.0905
15	-0.0965	66	-0.0925	120	-0.0535
16	-0.0945	67	-0.0955	121	-0.0915
17	-0.0945	68	-0.0945	122	-0.0935
18	-0.0925	69	-0.0945	123	-0.0935
19	-0.0925	70	-0.0955	124	0.0045
20	-0.0945	71	-0.0965	125	-0.0195
21	-0.0925	72	-0.0965	126	0.0115
22	-0.0925	73	-0.0935	127	-0.0055
23	-0.0915	74	-0.0925	128	0.0305
24	-0.0905	75	-0.0955	129	-0.0875
25	-0.0915	76	-0.0935	135	0.0295
26	-0.0945	77	-0.0935	136	0.0215
27	-0.0915	78	-0.0935	137	0.0295
28	-0.0915	79	-0.0935	138	0.1185
29	-0.0945	80	-0.0945	139	0.1145
30	-0.0955	81	-0.0935	140	0.1195
32	-0.0905	82	-0.0905	141	0.1665
33	-0.0895	83	-0.0975	142	0.1685
34	-0.0935	84	-0.0955	143	0.1685
35	-0.0925	85	-0.0955	145	0.0135
36	-0.0915	86	-0.0955	147	0.1665
37	-0.0915	87	-0.0965	151	-0.0485
38	-0.0915	88	-0.0965	152	-0.1455
39	-0.0925	89	-0.0955	153	-0.2695
40	-0.0945	90	-0.0975	154	-0.2755
41	-0.0945	91	-0.0965	155	0.2815
42	-0.0945	92	-0.0965	156	0.0025
43	-0.0975	93	-0.0975	157	-0.1275
44	-0.0945	94	-0.0955	158	0.3165
45	-0.0955	95	-0.0945	159	0.1825
46	-0.0945	96	-0.0985	160	0.1275
47	-0.0965	97	-0.0935	161	0.0035
48	-0.0955	98	-0.0965	162	0.3335
49	-0.0935	99	-0.0965	163	0.2875
50	-0.0935	100	-0.0935	164	0.1125
51	-0.0945	101	-0.0945	165	0.0385

ORF	CP	ORF	CP	ORF	CP
166	0.3395	217	-0.0905	268	0.0195
167	0.2165	218	-0.0915	269	0.1255
168	0.1635	219	-0.0935	270	0.2275
169	0.0185	220	-0.0905	271	-0.0775
170	0.3025	221	-0.0775	272	0.0455
171	0.0695	222	-0.2365	273	0.2075
172	-0.1145	223	-0.4365	274	0.2555
173	0.0075	224	-0.4295	275	0.0395
174	-0.1655	225	0.1065	276	0.1525
175	-0.2105	226	-0.0255	277	0.0045
176	-0.3055	227	-1.3575	278	-1.3885
177	-0.3105	228	-1.2525	279	-1.2835
178	-0.1615	229	-1.1075	280	-1.1635
179	-0.0485	230	-0.8075	281	-0.9595
180	-0.2145	231	-0.5265	282	-0.8635
181	0.1625	232	-0.4195	283	-0.5695
182	0.3625	233	-0.3015	284	-0.2615
183	0.2575	234	-0.2065	285	-0.1415
184	0.4555	235	-0.2265	286	-0.0675
185	0.5375	236	-0.2115	287	0.0585
186	0.6575	237	-0.2425	288	0.2215
187	0.7385	238	-0.2015	289	0.2555
188	0.7885	239	0.1235	290	0.1495
189	0.8295	240	-0.0025	291	-0.9555
190	-0.2265	241	-1.4165	292	-0.0205
191	-0.2095	242	-1.2965	325	0.2175
192	-0.2185	244	-0.9265	326	0.2895
193	-0.2195	245	-0.6035	327	0.3145
194	-0.2205	246	-0.4425	328	0.3585
195	-0.2125	247	-0.2775	329	0.4205
196	-0.2255	248	-0.1725	330	0.4875
197	-0.2165	249	-0.1815	331	0.6755
198	-0.2185	250	-0.1195	332	0.7855
199	-0.2165	251	-0.1075	333	0.8775
200	-0.2125	252	-0.0785	334	1.0435
201	-0.2045	253	0.1695	335	1.1045
202	-0.2125	254	0.0015	336	1.1465
203	-0.2105	255	-1.3965	337	1.1645
204	-0.2025	256	-1.2995	338	1.1615
205	0.0625	257	-1.2095	339	1.1575
206	0.0885	258	-1.0295	340	1.1685
207	0.0985	259	-0.7595	341	1.1765
208	0.0825	260	-0.4965	350	-0.0905
210	0.0305	261	-0.2575	351	-0.0925
211	0.1485	262	-0.1215	352	-0.0945
212	0.1785	263	-0.1335	353	-0.0915
213	-0.0925	264	0.0125	354	-0.0935
214	-0.0945	265	0.1335	355	-0.0935
215	-0.0925	266	0.1455		
216	-0.0935	267	-0.1015		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1921
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 320.
CONFIGURATION NO. = 16.
ANGLE OF MODEL ROLL(DEG) = 900.0
MACH NUMBER = 0.894
TUNNEL DYNAMIC PRESSURE(PSF) = 680.
TUNNEL STAGNATION PRESSURE(PSF) = 2043.
TUNNEL STATIC PRESSURE(PSF) = 1217.
REYNOLDS NUMBER PER FOOT = 3.9930E 06
MODEL ANGLE OF ATTACK(DEG) = 4.00
FIN ANGLE(DEG) = -0.
FREE-STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 560.

SCANIVALUE	CP(REF)
147	-0.4597
247	-0.4617
347	-0.4617
447	-0.4607
547	-0.4787
647	-0.4787
747	-0.4797

ORF	CP	ORF	CP	ORF	CP
1	-0.1017	52	-0.1067	102	-0.1067
2	-0.1047	53	-0.1067	103	-0.1077
3	-0.1027	54	-0.1057	104	-0.1057
4	-0.1037	55	-0.1037	105	-0.1047
5	-0.1057	56	-0.1067	110	-0.1017
6	-0.1077	57	-0.1067	111	-0.1337
7	-0.1057	58	-0.1037	112	-0.0847
8	-0.1057	59	-0.1037	113	-0.1077
9	-0.1047	60	-0.1047	114	-0.1567
10	-0.1057	61	-0.1017	115	-0.1537
11	-0.1057	62	-0.0997	116	-0.1547
12	-0.1057	63	-0.1007	117	-0.1537
13	-0.1047	64	-0.1017	118	-0.1517
14	-0.1027	65	-0.1037	119	-0.1517
15	-0.0997	66	-0.1047	120	-0.1077
16	-0.1127	67	-0.1057	121	-0.1517
17	-0.1097	68	-0.1037	122	-0.1517
18	-0.1037	69	-0.1037	123	-0.1527
19	-0.1037	70	-0.1087	124	-0.0457
20	-0.1047	71	-0.1137	125	-0.0737
21	-0.1047	72	-0.1137	126	-0.0427
22	-0.1037	73	-0.1137	127	-0.0557
23	-0.1067	74	-0.1157	128	-0.0287
24	-0.1067	75	-0.1247	129	-0.1337
25	-0.1027	76	-0.1217	135	-0.0237
26	-0.1047	77	-0.1227	136	-0.0407
27	-0.1057	78	-0.1237	137	-0.0257
28	-0.1017	79	-0.1227	138	0.0733
29	-0.0997	80	-0.1207	139	0.0683
30	-0.1117	81	-0.1197	140	0.0713
32	-0.1147	82	-0.1157	141	0.1113
33	-0.1157	83	-0.1027	142	0.1183
34	-0.1197	84	-0.1057	143	0.1273
35	-0.1187	85	-0.1017	145	-0.0457
36	-0.1217	86	-0.1037	147	0.1183
37	-0.1227	87	-0.1067	151	-0.0047
38	-0.1217	88	-0.1087	152	-0.1017
39	-0.1227	89	-0.1067	153	-0.3377
40	-0.1237	90	-0.1037	154	-0.3097
41	-0.1267	91	-0.1077	155	0.3183
42	-0.1267	92	-0.1067	156	0.0183
43	-0.1017	93	-0.1077	157	-0.1417
44	-0.1037	94	-0.1067	158	0.3723
45	-0.1017	95	-0.1047	159	0.2413
46	-0.1037	96	-0.1017	160	0.1713
47	-0.1047	97	-0.1027	161	0.0183
48	-0.1077	98	-0.1027	162	0.3603
49	-0.1047	99	-0.1007	163	0.3503
50	-0.1037	100	-0.1067	164	0.0633
51	-0.1057	101	-0.1057	165	0.0733

ORF	CP	ORF	CP	ORF	CP
166	0.3633	217	-0.1497	268	0.0283
167	0.2933	218	-0.1537	269	0.1363
168	0.2423	219	-0.1557	270	0.2133
169	0.0713	220	-0.1527	271	-0.0887
170	0.3663	221	-0.0487	272	0.0443
171	0.1503	222	-0.2727	273	0.1973
172	-0.0767	223	-0.5387	274	0.2163
173	0.0533	224	-0.5687	275	0.1033
174	-0.1577	225	0.3933	276	0.2073
175	-0.1777	226	0.1693	277	0.0383
176	-0.3027	227	-1.3887	278	-1.4157
177	-0.2927	228	-1.2737	279	-1.3417
178	-0.1697	229	-1.1567	280	-1.2577
179	-0.0307	230	-0.8527	281	-1.0427
180	-0.2487	231	-0.6777	282	-0.8837
181	0.0533	232	-0.5717	283	-0.7487
182	0.2163	233	-0.4267	284	-0.3997
183	0.2503	234	-0.1927	285	-0.1657
184	0.3903	235	-0.2547	286	-0.0787
185	0.4743	236	-0.2297	287	0.0603
186	0.5143	237	-0.3057	288	0.1973
187	0.5573	238	-0.2537	289	0.2123
188	0.6173	239	0.2063	290	0.1533
189	0.6713	240	0.0893	291	-1.2457
190	-0.2377	241	-1.3787	292	-0.1977
191	-0.2217	242	-1.2377	325	-0.1917
192	-0.2267	244	-0.8527	326	-0.1837
193	-0.2267	245	-0.7337	327	-0.1807
194	-0.2327	246	-0.6807	328	-0.1697
195	-0.2307	247	-0.3827	329	-0.1537
196	-0.2457	248	-0.1647	330	-0.1427
197	-0.2367	249	-0.2017	331	-0.0117
198	-0.2407	250	-0.1237	332	0.2343
199	-0.2427	251	-0.1137	333	0.5943
200	-0.2447	252	-0.0707	334	1.0983
201	-0.2387	253	0.2473	335	1.1443
202	-0.2427	254	0.1013	336	1.1673
203	-0.2417	255	-1.3977	337	1.1573
204	-0.2407	256	-1.2967	338	1.1573
205	0.0843	257	-1.2107	339	1.1603
206	0.1563	258	-1.0587	340	1.1443
207	0.1373	259	-0.8647	341	1.1523
208	0.1023	260	-0.7227	350	-0.1527
210	0.0843	261	-0.3947	351	-0.1507
211	0.4943	262	-0.1437	352	-0.1487
212	0.6943	263	-0.1607	353	-0.1457
213	-0.1547	264	0.0173	354	-0.1437
214	-0.1547	265	0.1383	355	-0.1427
215	-0.1517	266	0.1503		
216	-0.1487	267	-0.1047		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1922
 TUNNEL = 11
 TEST NO. = 086
 TEST PHASE = 2
 RUN NUMBER = 320.
 CONFIGURATION NO. = 16.
 ANGLE OF MODEL ROLL(DEG) = 900.0
 MACH NUMBER = 0.897
 TUNNEL DYNAMIC PRESSURE(PSF) = 682.
 TUNNEL STAGNATION PRESSURE(PSF) = 2042.
 TUNNEL STATIC PRESSURE(PSF) = 1212.
 REYNOLDS NUMBER PER FOOT = 3.9930E 06
 MODEL ANGLE OF ATTACK(DEG) = 7.94
 FIN ANGLE(DEG) = -0.
 FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 561.

SCANIVALUE	CP(REF)
147	-0.4521
247	-0.4541
347	-0.4531
447	-0.4521
547	-0.4551
647	-0.4551
747	-0.4561

ORF	CP	ORF	CP	ORF	CP
1	-0.1201	52	-0.1161	102	-0.1191
2	-0.1191	53	-0.1191	103	-0.1201
3	-0.1201	54	-0.1181	104	-0.1201
4	-0.1181	55	-0.1191	105	-0.1211
5	-0.1191	56	-0.1171	110	-0.1091
6	-0.1211	57	-0.1191	111	-0.1401
7	-0.1211	58	-0.1191	112	-0.0751
8	-0.1181	59	-0.1211	113	-0.0941
9	-0.1171	60	-0.1211	114	-0.1191
10	-0.1161	61	-0.1191	115	-0.1221
11	-0.1191	62	-0.1161	116	-0.1181
12	-0.1191	63	-0.1161	117	-0.1181
13	-0.1181	64	-0.1151	118	-0.1191
14	-0.1151	65	-0.1171	119	-0.1201
15	-0.1161	66	-0.1181	120	-0.0871
16	-0.1161	67	-0.1151	121	-0.1221
17	-0.1151	68	-0.1141	122	-0.1201
18	-0.1151	69	-0.1151	123	-0.1201
19	-0.1141	70	-0.1151	124	-0.0201
20	-0.1151	71	-0.1171	125	-0.0551
21	-0.1181	72	-0.1161	126	-0.0161
22	-0.1191	73	-0.1151	127	-0.0421
23	-0.1181	74	-0.1171	128	-0.0041
24	-0.1201	75	-0.1161	129	-0.1141
25	-0.1181	76	-0.1181	135	-0.0061
26	-0.1201	77	-0.1181	136	-0.0221
27	-0.1221	78	-0.1151	137	-0.0041
28	-0.1191	79	-0.1141	138	0.1019
29	-0.1181	80	-0.1161	139	0.0929
30	-0.1151	81	-0.1161	140	0.0999
32	-0.1171	82	-0.1171	141	0.1139
33	-0.1171	83	-0.1201	142	0.1389
34	-0.1151	84	-0.1191	143	0.1789
35	-0.1151	85	-0.1201	145	-0.0231
36	-0.1131	86	-0.1191	147	0.1389
37	-0.1141	87	-0.1201	151	-0.0321
38	-0.1181	88	-0.1211	152	-0.2051
39	-0.1171	89	-0.1211	153	-0.3531
40	-0.1151	90	-0.1181	154	-0.3661
41	-0.1131	91	-0.1191	155	0.3429
42	-0.1151	92	-0.1211	156	0.0039
43	-0.1191	93	-0.1181	157	-0.1871
44	-0.1181	94	-0.1181	158	0.4789
45	-0.1191	95	-0.1181	159	0.2919
46	-0.1191	96	-0.1161	160	0.1919
47	-0.1191	97	-0.1201	161	0.0249
48	-0.1201	98	-0.1171	162	0.5029
49	-0.1211	99	-0.1181	163	0.4789
50	-0.1171	100	-0.1221	164	0.0909
51	-0.1171	101	-0.1201	165	0.1099

ORF	CP	ORF	CP	ORF	CP
166	0.4999	217	-0.1201	268	0.1139
167	0.4199	218	-0.1201	269	0.1789
168	0.3449	219	-0.1221	270	0.3549
169	0.1349	220	-0.1211	271	0.0159
170	0.5719	221	0.0229	272	0.1539
171	0.2619	222	-0.2261	273	0.3339
172	-0.0201	223	-0.5421	274	0.3749
173	0.1389	224	-0.4701	275	0.3579
174	-0.0341	225	-0.8319	276	0.3309
175	-0.1761	226	0.5339	277	0.1539
176	-0.3061	227	-1.3321	278	-1.3921
177	-0.3781	228	-1.2471	279	-1.3471
178	-0.1631	229	-1.1511	280	-1.2931
179	-0.0421	230	-0.9791	281	-1.1121
180	-0.2521	231	-0.7811	282	-0.9711
181	-0.0511	232	-0.6401	283	-0.8381
182	0.1189	233	-0.3901	284	-0.2931
183	0.1629	234	-0.0201	285	-0.0571
184	0.2649	235	-0.1661	286	0.0129
185	0.3479	236	-0.1261	287	0.1649
186	0.4049	237	-0.2961	288	0.3539
187	0.4599	238	-0.2321	289	0.3779
188	0.5049	239	0.3629	290	0.2249
189	0.5289	240	0.2259	291	-1.3161
190	-0.2581	241	-1.3781	292	-0.2591
191	-0.2341	242	-1.2531	325	-0.3241
192	-0.2441	244	-0.8981	326	-0.3231
193	-0.2431	245	-0.8101	327	-0.3241
194	-0.2411	246	-0.7531	328	-0.3101
195	-0.2371	247	-0.3231	329	-0.3041
196	-0.2641	248	-0.0631	330	-0.3081
197	-0.2441	249	-0.1151	331	-0.1921
198	-0.2451	250	-0.0441	332	0.0509
199	-0.2541	251	-0.0651	333	0.4139
200	-0.2461	252	-0.0371	334	1.0049
201	-0.2361	253	0.3519	335	1.1959
202	-0.2391	254	0.1739	336	1.1939
203	-0.2421	255	-1.3981	337	1.1759
204	-0.2431	256	-1.3271	338	1.1729
205	0.1889	257	-1.2621	339	1.1689
206	0.3049	258	-1.1351	340	1.1749
207	0.2639	259	-0.9541	341	1.1789
208	0.2069	260	-0.7831	350	-0.1211
210	0.3099	261	-0.2861	351	-0.1201
211	0.7599	262	-0.0411	352	-0.1201
212	0.9759	263	-0.0461	353	-0.1221
213	-0.1211	264	0.1049	354	-0.1211
214	-0.1211	265	0.2219	355	-0.1221
215	-0.1221	266	0.1969		
216	-0.1201	267	-0.0171		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1923

TUNNEL = 11

TEST NO. = 086

TEST PHASE = 2

RUN NUMBER = 320.

CONFIGURATION NO. = 16.

ANGLE OF MODEL ROLL(DEG) = 900.0

MACH NUMBER = 0.899

TUNNEL DYNAMIC PRESSURE(PSF) = 685.

TUNNEL STAGNATION PRESSURE(PSF) = 2045.

TUNNEL STATIC PRESSURE(PSF) = 1210.

REYNOLDS NUMBER PER FOOT = 4.0020E 06

MODEL ANGLE OF ATTACK(DEG) = 11.93

FIN ANGLE(DEG) = -0.

FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 561.

SCANIVALUE	CP(REF)
147	-0.4464
247	-0.4484
347	-0.4484
447	-0.4474
547	-0.4524
647	-0.4514
747	-0.4524

ORF	CP	ORF	CP	ORF	CP
1	-0.1414	52	-0.1384	102	-0.1434
2	-0.1404	53	-0.1394	103	-0.1424
3	-0.1404	54	-0.1374	104	-0.1404
4	-0.1424	55	-0.1404	105	-0.1414
5	-0.1424	56	-0.1424	110	-0.1744
6	-0.1394	57	-0.1404	111	-0.2014
7	-0.1394	58	-0.1404	112	-0.1234
8	-0.1394	59	-0.1404	113	-0.1284
9	-0.1394	60	-0.1414	114	-0.1464
10	-0.1374	61	-0.1384	115	-0.1494
11	-0.1384	62	-0.1404	116	-0.1494
12	-0.1374	63	-0.1404	117	-0.1454
13	-0.1364	64	-0.1384	118	-0.1454
14	-0.1384	65	-0.1364	119	-0.1444
15	-0.1394	66	-0.1404	120	-0.1134
16	-0.1374	67	-0.1414	121	-0.1454
17	-0.1394	68	-0.1404	122	-0.1454
18	-0.1414	69	-0.1424	123	-0.1484
19	-0.1394	70	-0.1384	124	-0.0544
20	-0.1414	71	-0.1384	125	-0.0834
21	-0.1394	72	-0.1394	126	-0.0574
22	-0.1404	73	-0.1414	127	-0.0764
23	-0.1414	74	-0.1404	128	-0.0364
24	-0.1404	75	-0.1424	129	-0.1424
25	-0.1394	76	-0.1424	135	-0.0354
26	-0.1404	77	-0.1424	136	-0.0474
27	-0.1414	78	-0.1414	137	-0.0344
28	-0.1384	79	-0.1404	138	0.0856
29	-0.1404	80	-0.1424	139	0.0696
30	-0.1384	81	-0.1414	140	0.0736
32	-0.1394	82	-0.1404	141	0.1076
33	-0.1394	83	-0.1424	142	0.0986
34	-0.1414	84	-0.1414	143	0.1966
35	-0.1414	85	-0.1394	145	-0.0554
36	-0.1394	86	-0.1434	147	0.0946
37	-0.1394	87	-0.1424	151	-0.0404
38	-0.1424	88	-0.1394	152	-0.1264
39	-0.1414	89	-0.1394	153	-0.4054
40	-0.1414	90	-0.1364	154	-0.4124
41	-0.1384	91	-0.1384	155	0.3656
42	-0.1404	92	-0.1394	156	-0.0324
43	-0.1414	93	-0.1384	157	-0.2314
44	-0.1414	94	-0.1394	158	0.4876
45	-0.1394	95	-0.1404	159	0.2416
46	-0.1434	96	-0.1384	160	0.1506
47	-0.1424	97	-0.1394	161	-0.0144
48	-0.1394	98	-0.1414	162	0.4806
49	-0.1384	99	-0.1414	163	0.4426
50	-0.1394	100	-0.1404	164	0.0686
51	-0.1404	101	-0.1414	165	0.0946

ORF	CP	ORF	CP	ORF	CP
166	0.4816	217	-0.1464	268	0.1186
167	0.4226	218	-0.1474	269	0.2486
168	0.3536	219	-0.1464	270	0.3866
169	0.1466	220	-0.1464	271	0.0336
170	0.5906	221	-0.0764	272	0.1646
171	0.2926	222	-0.2834	273	0.3596
172	0.0026	223	-0.4044	274	0.3976
173	0.1746	224	-0.2974	275	0.4626
174	0.0876	225	0.8756	276	0.3396
175	-0.2094	226	0.5546	277	0.1586
176	-0.2954	227	-1.3144	278	-1.3844
177	-0.4384	228	-1.2284	279	-1.3364
178	-0.2314	229	-1.1274	280	-1.2844
179	-0.1224	230	-0.9414	281	-1.0924
180	-0.2854	231	-0.7284	282	-0.9324
181	-0.1704	232	-0.6124	283	-0.7924
182	-0.0514	233	-0.0324	284	-0.1404
183	0.0816	234	0.0266	285	0.0146
184	0.1826	235	-0.1584	286	0.0416
185	0.2466	236	-0.1084	287	0.1816
186	0.3256	237	-0.2274	288	0.3596
187	0.3796	238	-0.2004	289	0.3816
188	0.4456	239	0.4366	290	0.2886
189	0.4606	240	0.2836	291	-1.2514
190	-0.2794	241	-1.3724	292	-0.3594
191	-0.2554	242	-1.2554	325	-0.3914
192	-0.2664	244	-0.9874	326	-0.3854
193	-0.2664	245	-0.8324	327	-0.3914
194	-0.2594	246	-0.6994	328	-0.3904
195	-0.2544	247	-0.1154	329	-0.4004
196	-0.2804	248	0.0096	330	-0.4084
197	-0.2654	249	-0.1004	331	-0.3614
198	-0.2644	250	-0.0334	332	-0.2274
199	-0.2694	251	-0.0504	333	0.0666
200	-0.2744	252	-0.0174	334	0.8036
201	-0.2604	253	0.3806	335	1.1126
202	-0.2604	254	0.1966	336	1.1626
203	-0.2634	255	-1.3874	337	1.1896
204	-0.2654	256	-1.3354	338	1.1996
205	0.2326	257	-1.2854	339	1.1966
206	0.3546	258	-1.1824	340	1.1946
207	0.3116	259	-1.0074	341	1.1846
208	0.2496	260	-0.7774	350	-0.1464
210	0.4036	261	-0.1204	351	-0.1494
211	0.7746	262	0.0536	352	-0.1464
212	0.9866	263	-0.0384	353	-0.1454
213	-0.1474	264	0.1146	354	-0.1444
214	-0.1474	265	0.2746	355	-0.1444
215	-0.1434	266	0.2816		
216	-0.1424	267	-0.0024		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1924
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 320.
CONFIGURATION NO. = 16.
ANGLE OF MODEL ROLL(DEG) = 900.0
MACH NUMBER = 0.895
TUNNEL DYNAMIC PRESSURE(PSF) = 681.
TUNNEL STAGNATION PRESSURE(PSF) = 2043.
TUNNEL STATIC PRESSURE(PSF) = 1215.
REYNOLDS NUMBER PER FOOT = 3.9970E 06
MODEL ANGLE OF ATTACK(DEG) = 0.11
FIN ANGLE(DEG) = -0.
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 560.

SCANIVALUE	CP(REF)
147	-0.4571
247	-0.4591
347	-0.4581
447	-0.4581
547	-0.4921
647	-0.4921
747	-0.4921

ORF	CP	ORF	CP	ORF	CP
1	-0.0971	52	-0.0861	102	-0.0831
2	-0.0931	53	-0.0871	103	-0.0841
3	-0.0961	54	-0.0851	104	-0.0851
4	-0.0911	55	-0.0851	105	-0.0841
5	-0.0931	56	-0.0831	110	-0.1091
6	-0.0891	57	-0.0841	111	-0.1381
7	-0.0861	58	-0.0851	112	-0.0951
8	-0.0891	59	-0.0831	113	-0.1151
9	-0.0871	60	-0.0861	114	-0.0941
10	-0.0861	61	-0.0861	115	-0.1001
11	-0.0851	62	-0.0871	116	-0.1001
12	-0.0821	63	-0.0871	117	-0.1031
13	-0.0831	64	-0.0871	118	-0.1051
14	-0.0851	65	-0.0861	119	-0.1101
15	-0.0861	66	-0.0841	120	-0.0691
16	-0.0901	67	-0.0841	121	-0.0971
17	-0.0851	68	-0.0881	122	-0.0941
18	-0.0831	69	-0.0851	123	-0.0941
19	-0.0871	70	-0.0881	124	-0.0451
20	-0.0831	71	-0.0931	125	-0.0651
21	-0.0821	72	-0.0921	126	-0.0381
22	-0.0831	73	-0.0961	127	-0.0471
23	-0.0821	74	-0.0981	128	0.0059
24	-0.0831	75	-0.1311	129	-0.0931
25	-0.0841	76	-0.1271	135	0.0069
26	-0.0811	77	-0.1241	136	-0.0041
27	-0.0831	78	-0.1211	137	0.0039
28	-0.0851	79	-0.1161	138	0.0839
29	-0.0861	80	-0.1091	139	0.0809
30	-0.0901	81	-0.1081	140	0.0879
32	-0.0961	82	-0.1041	141	0.1189
33	-0.1021	83	-0.0971	142	0.1239
34	-0.1061	84	-0.0951	143	0.1249
35	-0.1061	85	-0.0971	145	-0.0071
36	-0.1141	86	-0.0941	147	0.1169
37	-0.1191	87	-0.0931	151	-0.0441
38	-0.1211	88	-0.0891	152	-0.1421
39	-0.1241	89	-0.0881	153	-0.2621
40	-0.1291	90	-0.0861	154	-0.2721
41	-0.1321	91	-0.0851	155	0.2629
42	-0.1341	92	-0.0861	156	0.0089
43	-0.0981	93	-0.0871	157	-0.1181
44	-0.0951	94	-0.0881	158	0.3149
45	-0.0961	95	-0.0901	159	0.1829
46	-0.0921	96	-0.0881	160	0.1289
47	-0.0931	97	-0.0861	161	0.0129
48	-0.0891	98	-0.0881	162	0.3319
49	-0.0881	99	-0.0871	163	0.2829
50	-0.0901	100	-0.0861	164	0.0749
51	-0.0881	101	-0.0851	165	0.0429

ORF	CP	ORF	CP	ORF	CP
166	0.3359	217	-0.1431	268	-0.0121
167	0.2119	218	-0.1391	269	0.0889
168	0.1629	219	-0.1371	270	0.1849
169	0.0239	220	-0.1351	271	-0.0911
170	0.2939	221	-0.0601	272	0.0169
171	0.0719	222	-0.2571	273	0.1669
172	-0.1071	223	-0.4071	274	0.2029
173	0.0019	224	-0.3961	275	-0.0011
174	-0.1661	225	0.0779	276	0.1019
175	-0.1961	226	-0.0751	277	-0.0491
176	-0.2901	227	-1.2461	278	-1.4071
177	-0.3151	228	-1.1301	279	-1.3091
178	-0.1591	229	-0.9691	280	-1.1831
179	-0.0551	230	-0.6831	281	-0.9611
180	-0.2541	231	-0.4371	282	-0.5571
181	0.1399	232	-0.3481	283	-0.3171
182	0.3519	233	-0.2581	284	-0.1941
183	0.2709	234	-0.1981	285	-0.1311
184	0.4229	235	-0.2221	286	-0.0781
185	0.5439	236	-0.2091	287	0.0329
186	0.6649	237	-0.2371	288	0.1839
187	0.7569	238	-0.2111	289	0.2139
188	0.8199	239	0.0849	290	0.1119
189	0.8739	240	-0.0431	291	-0.8151
190	-0.2221	241	-1.4211	292	-0.0641
191	-0.1991	242	-1.3161	325	0.2409
192	-0.2091	244	-0.8681	326	0.3009
193	-0.2041	245	-0.4981	327	0.3369
194	-0.2121	246	-0.3901	328	0.3899
195	-0.2091	247	-0.2681	329	0.4529
196	-0.2221	248	-0.1831	330	0.5289
197	-0.2181	249	-0.2071	331	0.7129
198	-0.2231	250	-0.1491	332	0.8419
199	-0.2341	251	-0.1481	333	0.9239
200	-0.2361	252	-0.1231	334	1.0339
201	-0.2281	253	0.1029	335	1.0889
202	-0.2461	254	-0.0471	336	1.1329
203	-0.2451	255	-1.4141	337	1.1519
204	-0.2401	256	-1.3181	338	1.1679
205	0.0019	257	-1.2261	339	1.1799
206	0.0349	258	-1.0661	340	1.1879
207	0.0399	259	-0.8001	341	1.1939
208	0.0329	260	-0.5261	350	-0.1141
210	-0.0341	261	-0.2861	351	-0.1181
211	0.0839	262	-0.1561	352	-0.1191
212	0.1119	263	-0.1741	353	-0.1251
213	-0.1591	264	-0.0321	354	-0.1261
214	-0.1551	265	0.0919	355	-0.1301
215	-0.1521	266	0.0959		
216	-0.1491	267	-0.1171		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1932
 TUNNEL = 11
 TEST NO. = 086
 TEST PHASE = 2
 RUN NUMBER = 324.
 CONFIGURATION NO. = 17.
 ANGLE OF MODEL ROLL(DEG) = 0.
 MACH NUMBER = 0.901
 TUNNEL DYNAMIC PRESSURE(PSF) = 684.
 TUNNEL STAGNATION PRESSURE(PSF) = 2038.
 TUNNEL STATIC PRESSURE(PSF) = 1203.
 REYNOLDS NUMBER PER FOOT = 4.0320E 06
 MODEL ANGLE OF ATTACK(DEG) = -12.09
 FIN ANGLE(DEG) = -0.
 FREE^oSTREAM TOTAL TEMPERATURE(DEG. RANKINE) = 556.

SCANIVALUE	CP(REF)
147	-0.4278
247	-0.4278
347	-0.4288
447	-0.4288
547	-0.4288
647	-0.4298
747	-0.4298

ORF	CP	ORF	CP	ORF	CP
1	0.0672	52	0.0662	102	0.0622
2	0.0662	53	0.0672	103	0.0632
3	0.0642	54	0.0682	104	0.0622
4	0.0652	55	0.0662	105	0.0652
5	0.0652	56	0.0652	110	-0.0528
6	0.0672	57	0.0652	111	-0.0648
7	0.0662	58	0.0642	112	-0.0398
8	0.0702	59	0.0682	113	-0.0478
9	0.0672	60	0.0692	114	0.0692
10	0.0662	61	0.0682	115	0.0672
11	0.0672	62	0.0652	116	0.0682
12	0.0682	63	0.0662	117	0.0682
13	0.0652	64	0.0692	118	0.0682
14	0.0682	65	0.0652	119	0.0682
15	0.0662	66	0.0692	120	-0.1228
16	0.0672	67	0.0662	121	0.0702
17	0.0672	68	0.0672	122	0.0692
18	0.0672	69	0.0662	123	0.0682
19	0.0672	70	0.0682	124	-0.0508
20	0.0652	71	0.0672	125	-0.0758
21	0.0682	72	0.0652	126	-0.0498
22	0.0662	73	0.0632	127	-0.0638
23	0.0662	74	0.0642	128	-0.0188
24	0.0652	75	0.0662	129	-0.1778
25	0.0642	76	0.0652	135	-0.0258
26	0.0682	77	0.0662	136	-0.0368
27	0.0672	78	0.0652	137	-0.0198
28	0.0682	79	0.0662	138	0.1072
29	0.0652	80	0.0662	139	0.0922
30	0.0642	81	0.0662	140	0.0942
32	0.0642	82	0.0642	141	0.2162
33	0.0642	83	0.0662	142	0.2102
34	0.0662	84	0.0642	143	0.2042
35	0.0652	85	0.0642	145	-0.0358
36	0.0662	86	0.0652	147	0.2122
37	0.0662	87	0.0642	151	0.1472
38	0.0662	88	0.0652	152	0.0112
39	0.0652	89	0.0642	153	-0.1718
40	0.0652	90	0.0632	154	-0.2838
41	0.0652	91	0.0652	155	0.5172
42	0.0672	92	0.0652	156	0.2582
43	0.0672	93	0.0652	157	0.0162
44	0.0672	94	0.0672	158	0.4932
45	0.0652	95	0.0682	159	0.4102
46	0.0672	96	0.0672	160	0.3302
47	0.0662	97	0.0652	161	0.1442
48	0.0662	98	0.0632	162	0.4602
49	0.0662	99	0.0642	163	0.4382
50	0.0712	100	0.0662	164	0.0942
51	0.0682	101	0.0632	165	0.1052

ORF	CP	ORF	CP	ORF	CP
166	0.4492	217	0.0692	268	0.1672
167	0.2542	218	0.0712	269	0.3292
168	0.1792	219	0.0692	270	0.3912
169	-0.0178	220	0.0682	271	0.0422
170	0.2782	221	0.1052	272	0.1852
171	0.0182	222	-0.1488	273	0.3592
172	-0.2318	223	-0.6068	274	0.3902
173	0.0232	224	-0.4408	275	0.4762
174	-0.1738	225	0.3252	276	0.3382
175	-0.3698	226	0.1882	277	0.1632
176	-0.4768	227	-1.3238	278	-1.3778
177	-0.0768	228	-1.2208	279	-1.3318
178	-0.1578	229	-1.0738	280	-1.2698
179	0.0372	230	-0.7808	281	-1.0518
180	-0.2708	231	-0.4278	282	-0.8898
181	0.2262	232	-0.2918	283	-0.7238
182	0.4652	233	-0.1538	284	-0.1258
183	0.4732	234	-0.0498	285	0.0132
184	0.7222	235	-0.1288	286	0.0552
185	0.8582	236	-0.1098	287	0.1942
186	1.0442	237	-0.2158	288	0.3632
187	1.1152	238	-0.1848	289	0.3902
188	1.1432	239	0.4322	290	0.3402
189	1.1282	240	0.3222	291	-1.0288
190	-0.2538	241	-1.3108	292	-0.2578
191	-0.2368	242	-1.1558	325	0.0572
192	-0.2518	244	-0.8928	326	0.0632
193	-0.2558	245	-0.7608	327	0.0632
194	-0.2488	246	-0.4938	328	0.0642
195	-0.2368	247	-0.1288	329	0.0622
196	-0.2558	248	0.0062	330	0.0642
197	-0.2578	249	-0.0838	331	0.0652
198	-0.2528	250	0.0142	332	0.0662
199	-0.2458	251	0.0202	333	0.0662
200	-0.2418	252	0.0692	334	0.0652
201	-0.2318	253	0.3812	335	0.0662
202	-0.2528	254	0.2122	336	0.0632
203	-0.2448	255	-1.3688	337	0.0642
204	-0.2368	256	-1.2768	338	0.0632
205	0.1722	257	-1.1848	339	0.0652
206	0.2792	258	-1.0018	340	0.0642
207	0.3272	259	-0.7828	341	0.0632
208	0.4452	260	-0.6558	350	0.0692
210	0.1952	261	-0.0988	351	0.0692
211	0.3252	262	0.0342	352	0.0692
212	0.3802	263	-0.0328	353	0.0692
213	0.0662	264	0.1522	354	0.0702
214	0.0672	265	0.3212	355	0.0702
215	0.0662	266	0.3342		
216	0.0672	267	0.0162		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1933
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 324.
CONFIGURATION NO. = 17.
ANGLE OF MODEL ROLL(DEG) = 0.
MACH NUMBER = 0.899
TUNNEL DYNAMIC PRESSURE(PSF) = 683.
TUNNEL STAGNATION PRESSURE(PSF) = 2040.
TUNNEL STATIC PRESSURE(PSF) = 1208.
REYNOLDS NUMBER PER FOOT = 4.0260E 06
MODEL ANGLE OF ATTACK(DEG) = -8.12
FIN ANGLE(DEG) = -0.
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 557.

SCANIVALUE	CP(REF)
147	-0.4337
247	-0.4357
347	-0.4357
447	-0.4347
547	-0.4327
647	-0.4327
747	-0.4327

ORF	CP	ORF	CP	ORF	CP
1	0.0723	52	0.0693	102	0.0703
2	0.0723	53	0.0703	103	0.0713
3	0.0713	54	0.0703	104	0.0703
4	0.0733	55	0.0733	105	0.0683
5	0.0713	56	0.0713	110	-0.0547
6	0.0723	57	0.0733	111	-0.0647
7	0.0713	58	0.0723	112	-0.0337
8	0.0713	59	0.0693	113	-0.0367
9	0.0723	60	0.0693	114	0.0723
10	0.0713	61	0.0713	115	0.0693
11	0.0713	62	0.0713	116	0.0693
12	0.0703	63	0.0723	117	0.0693
13	0.0703	64	0.0703	118	0.0703
14	0.0703	65	0.0703	119	0.0733
15	0.0753	66	0.0713	120	-0.1147
16	0.0713	67	0.0723	121	0.0693
17	0.0713	68	0.0713	122	0.0743
18	0.0723	69	0.0713	123	0.0723
19	0.0723	70	0.0713	124	-0.0247
20	0.0743	71	0.0703	125	-0.0597
21	0.0723	72	0.0733	126	-0.0287
22	0.0753	73	0.0753	127	-0.0447
23	0.0723	74	0.0723	128	-0.0087
24	0.0743	75	0.0703	129	-0.1407
25	0.0733	76	0.0713	135	0.0033
26	0.0693	77	0.0713	136	-0.0047
27	0.0693	78	0.0723	137	0.0033
28	0.0713	79	0.0703	138	0.1153
29	0.0713	80	0.0693	139	0.1063
30	0.0753	81	0.0703	140	0.1093
32	0.0733	82	0.0713	141	0.2023
33	0.0713	83	0.0703	142	0.2013
34	0.0703	84	0.0713	143	0.1903
35	0.0723	85	0.0713	145	-0.0077
36	0.0713	86	0.0713	147	0.2023
37	0.0733	87	0.0693	151	0.0833
38	0.0713	88	0.0713	152	-0.0097
39	0.0723	89	0.0703	153	-0.2607
40	0.0713	90	0.0693	154	-0.2817
41	0.0733	91	0.0683	155	0.5143
42	0.0723	92	0.0683	156	0.2113
43	0.0723	93	0.0683	157	-0.0197
44	0.0723	94	0.0703	158	0.4983
45	0.0713	95	0.0693	159	0.3913
46	0.0723	96	0.0693	160	0.3093
47	0.0713	97	0.0693	161	0.1253
48	0.0733	98	0.0703	162	0.4803
49	0.0713	99	0.0693	163	0.4633
50	0.0713	100	0.0683	164	0.1053
51	0.0713	101	0.0723	165	0.1113

ORF	CP	ORF	CP	ORF	CP
166	0.4723	217	0.0753	268	0.1373
167	0.2993	218	0.0753	269	0.2763
168	0.2203	219	0.0753	270	0.3763
169	0.0143	220	0.0773	271	0.0073
170	0.3093	221	0.0733	272	0.1603
171	0.0563	222	-0.2007	273	0.3513
172	-0.1847	223	-0.6007	274	0.3843
173	0.0013	224	-0.4887	275	0.3533
174	-0.2747	225	0.2503	276	0.3383
175	-0.2967	226	0.1353	277	0.1613
176	-0.4267	227	-1.3337	278	-1.3837
177	-0.1357	228	-1.2317	279	-1.3317
178	-0.1617	229	-1.1027	280	-1.2777
179	0.0333	230	-0.8167	281	-1.0867
180	-0.2477	231	-0.5187	282	-0.9377
181	0.2293	232	-0.4087	283	-0.7847
182	0.4613	233	-0.2907	284	-0.2967
183	0.3283	234	-0.1387	285	-0.0507
184	0.5613	235	-0.2007	286	0.0183
185	0.7303	236	-0.1697	287	0.1693
186	0.9823	237	-0.2627	288	0.3553
187	1.0973	238	-0.2057	289	0.3733
188	1.1723	239	0.3693	290	0.2923
189	1.1793	240	0.2593	291	-1.0637
190	-0.2537	241	-1.3337	292	-0.2027
191	-0.2337	242	-1.1917	325	0.0643
192	-0.2447	244	-0.9017	326	0.0713
193	-0.2427	245	-0.7887	327	0.0703
194	-0.2437	246	-0.6217	328	0.0693
195	-0.2337	247	-0.2957	329	0.0723
196	-0.2397	248	-0.0867	330	0.0703
197	-0.2357	249	-0.1357	331	0.0723
198	-0.2447	250	-0.0307	332	0.0713
199	-0.2457	251	-0.0217	333	0.0703
200	-0.2367	252	0.0163	334	0.0733
201	-0.2377	253	0.3363	335	0.0693
202	-0.2397	254	0.1713	336	0.0723
203	-0.2347	255	-1.3807	337	0.0713
204	-0.2337	256	-1.2857	338	0.0713
205	0.1523	257	-1.1897	339	0.0703
206	0.2833	258	-0.9967	340	0.0713
207	0.3053	259	-0.8057	341	0.0733
208	0.3933	260	-0.7307	350	0.0723
210	0.1523	261	-0.2767	351	0.0713
211	0.2713	262	-0.0297	352	0.0693
212	0.3043	263	-0.0567	353	0.0713
213	0.0723	264	0.1253	354	0.0703
214	0.0743	265	0.2723	355	0.0703
215	0.0753	266	0.2863		
216	0.0763	267	-0.0227		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1934
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 324.
CONFIGURATION NO. = 17.
ANGLE OF MODEL ROLL(DEG) = 0.
MACH NUMBER = 0.899
TUNNEL DYNAMIC PRESSURE(PSF) = 678.
TUNNEL STAGNATION PRESSURE(PSF) = 2023.
TUNNEL STATIC PRESSURE(PSF) = 1197.
REYNOLDS NUMBER PER FOOT = 3.9820E 06
MODEL ANGLE OF ATTACK(DEG) = -4.00
FIN ANGLE(DEG) = -0.
FREE-STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 558.

SCANIVALUE	CP(REF)
147	-0.4225
247	-0.4225
347	-0.4215
447	-0.4205
547	-0.4175
647	-0.4175
747	-0.4175

ORF	CP	ORF	CP	ORF	CP
1	0.0725	52	0.0755	102	0.0735
2	0.0735	53	0.0735	103	0.0725
3	0.0735	54	0.0755	104	0.0705
4	0.0735	55	0.0725	105	0.0715
5	0.0725	56	0.0745	110	-0.0475
6	0.0735	57	0.0745	111	-0.0665
7	0.0745	58	0.0715	112	-0.0315
8	0.0735	59	0.0725	113	-0.0425
9	0.0745	60	0.0725	114	0.0805
10	0.0745	61	0.0735	115	0.0805
11	0.0735	62	0.0735	116	0.0795
12	0.0745	63	0.0725	117	0.0775
13	0.0745	64	0.0745	118	0.0785
14	0.0735	65	0.0745	119	0.0765
15	0.0705	66	0.0745	120	-0.0765
16	0.0745	67	0.0745	121	0.0785
17	0.0745	68	0.0745	122	0.0785
18	0.0735	69	0.0725	123	0.0775
19	0.0735	70	0.0745	124	-0.0075
20	0.0735	71	0.0745	125	-0.0375
21	0.0735	72	0.0735	126	-0.0135
22	0.0735	73	0.0725	127	-0.0275
23	0.0735	74	0.0725	128	0.0175
24	0.0735	75	0.0755	129	-0.1165
25	0.0715	76	0.0735	135	0.0235
26	0.0725	77	0.0725	136	0.0075
27	0.0735	78	0.0715	137	0.0165
28	0.0735	79	0.0745	138	0.1195
29	0.0725	80	0.0735	139	0.1095
30	0.0735	81	0.0735	140	0.1185
32	0.0725	82	0.0725	141	0.1785
33	0.0735	83	0.0725	142	0.1755
34	0.0735	84	0.0735	143	0.1735
35	0.0735	85	0.0725	145	0.0095
36	0.0745	86	0.0735	147	0.1755
37	0.0715	87	0.0715	151	0.0155
38	0.0735	88	0.0735	152	-0.0715
39	0.0735	89	0.0745	153	-0.2765
40	0.0755	90	0.0735	154	-0.2855
41	0.0725	91	0.0745	155	0.3735
42	0.0775	92	0.0735	156	0.1085
43	0.0735	93	0.0745	157	-0.0745
44	0.0735	94	0.0745	158	0.3425
45	0.0735	95	0.0735	159	0.2865
46	0.0745	96	0.0715	160	0.2275
47	0.0725	97	0.0725	161	0.0675
48	0.0745	98	0.0715	162	0.3465
49	0.0755	99	0.0725	163	0.3475
50	0.0745	100	0.0725	164	0.1115
51	0.0755	101	0.0705	165	0.0785

ORF	CP	ORF	CP	ORF	CP
166	0.3405	217	0.0765	268	0.0755
167	0.2485	218	0.0775	269	0.1675
168	0.1885	219	0.0785	270	0.2545
169	0.0155	220	0.0765	271	-0.0335
170	0.2945	221	0.0035	272	0.1015
171	0.0565	222	-0.2415	273	0.2385
172	-0.1395	223	-0.5385	274	0.2575
173	0.0315	224	-0.5025	275	0.1385
174	-0.1485	225	0.1695	276	0.2435
175	-0.2665	226	0.0635	277	0.0665
176	-0.3525	227	-1.3235	278	-1.3875
177	-0.2145	228	-1.1985	279	-1.3095
178	-0.0965	229	-1.0575	280	-1.2295
179	0.0665	230	-0.7455	281	-0.9855
180	-0.2345	231	-0.5565	282	-0.8275
181	0.1285	232	-0.4725	283	-0.6915
182	0.3255	233	-0.3165	284	-0.3295
183	0.3345	234	-0.1785	285	-0.1145
184	0.5145	235	-0.2275	286	-0.0235
185	0.6345	236	-0.2015	287	0.1105
186	0.7935	237	-0.2655	288	0.2445
187	0.9255	238	-0.2175	289	0.2625
188	1.0405	239	0.2695	290	0.1865
189	1.1035	240	0.1645	291	-1.0305
190	-0.2555	241	-1.3555	292	-0.1655
191	-0.2325	242	-1.2215	325	0.0675
192	-0.2395	244	-0.8995	326	0.0725
193	-0.2395	245	-0.7635	327	0.0735
194	-0.2345	246	-0.6045	328	0.0735
195	-0.2305	247	-0.3145	329	0.0715
196	-0.2395	248	-0.1215	330	0.0725
197	-0.2365	249	-0.1665	331	0.0725
198	-0.2385	250	-0.0745	332	0.0775
199	-0.2385	251	-0.0725	333	0.0745
200	-0.2305	252	-0.0425	334	0.0725
201	-0.2315	253	0.2515	335	0.0745
202	-0.2285	254	0.0935	336	0.0735
203	-0.2335	255	-1.3865	337	0.0745
204	-0.2295	256	-1.2885	338	0.0735
205	0.1135	257	-1.1935	339	0.0765
206	0.1645	258	-0.9915	340	0.0735
207	0.1955	259	-0.7525	341	0.0715
208	0.2385	260	-0.6765	350	0.0785
210	0.0835	261	-0.3135	351	0.0785
211	0.1925	262	-0.0895	352	0.0785
212	0.2205	263	-0.1035	353	0.0765
213	0.0775	264	0.0625	354	0.0785
214	0.0765	265	0.1715	355	0.0775
215	0.0775	266	0.1845		
216	0.0775	267	-0.0655		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1935
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 324.
CONFIGURATION NO. = 17.
ANGLE OF MODEL ROLL(DEG) = 0.
MACH NUMBER = 0.900
TUNNEL DYNAMIC PRESSURE(PSF) = 679.
TUNNEL STAGNATION PRESSURE(PSF) = 2025.
TUNNEL STATIC PRESSURE(PSF) = 1197.
REYNOLDS NUMBER PER FOOT = 3.9820E 06
MODEL ANGLE OF ATTACK(DEG) = 0.07
FIN ANGLE(DEG) = -0.
FREE-STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 559.

SCANIVALUE	CP(REF)
147	-0.4199
247	-0.4209
347	-0.4209
447	-0.4199
547	-0.4189
647	-0.4199
747	-0.4199

ORF	CP	ORF	CP	ORF	CP
1	0.0751	52	0.0751	102	0.0781
2	0.0741	53	0.0751	103	0.0761
3	0.0761	54	0.0751	104	0.0731
4	0.0771	55	0.0771	105	0.0761
5	0.0771	56	0.0791	110	-0.0469
6	0.0761	57	0.0771	111	-0.0739
7	0.0741	58	0.0751	112	-0.0289
8	0.0761	59	0.0761	113	-0.0479
9	0.0771	60	0.0771	114	0.0791
10	0.0741	61	0.0761	115	0.0781
11	0.0751	62	0.0771	116	0.0781
12	0.0751	63	0.0761	117	0.0771
13	0.0761	64	0.0751	118	0.0781
14	0.0751	65	0.0751	119	0.0791
15	0.0761	66	0.0781	120	-0.0579
16	0.0781	67	0.0761	121	0.0771
17	0.0771	68	0.0761	122	0.0781
18	0.0761	69	0.0761	123	0.0801
19	0.0761	70	0.0771	124	0.0021
20	0.0771	71	0.0771	125	-0.0279
21	0.0801	72	0.0781	126	-0.0089
22	0.0771	73	0.0771	127	-0.0199
23	0.0771	74	0.0761	128	0.0261
24	0.0771	75	0.0761	129	-0.0969
25	0.0751	76	0.0771	135	0.0291
26	0.0771	77	0.0751	136	0.0191
27	0.0771	78	0.0751	137	0.0271
28	0.0761	79	0.0791	138	0.1191
29	0.0761	80	0.0771	139	0.1111
30	0.0791	81	0.0781	140	0.1171
32	0.0771	82	0.0791	141	0.1631
33	0.0781	83	0.0751	142	0.1611
34	0.0791	84	0.0741	143	0.1641
35	0.0771	85	0.0741	145	0.0141
36	0.0781	86	0.0771	147	0.1591
37	0.0741	87	0.0761	151	-0.0519
38	0.0761	88	0.0761	152	-0.1319
39	0.0781	89	0.0741	153	-0.2789
40	0.0761	90	0.0741	154	-0.2769
41	0.0771	91	0.0751	155	0.2971
42	0.0761	92	0.0741	156	0.0181
43	0.0761	93	0.0741	157	-0.1199
44	0.0741	94	0.0761	158	0.3251
45	0.0751	95	0.0741	159	0.1921
46	0.0781	96	0.0731	160	0.1411
47	0.0771	97	0.0751	161	0.0151
48	0.0771	98	0.0751	162	0.3081
49	0.0751	99	0.0751	163	0.2861
50	0.0751	100	0.0761	164	0.1131
51	0.0771	101	0.0771	165	0.0361

ORF	CP	ORF	CP	ORF	CP
166	0.3251	217	0.0751	268	0.0171
167	0.2011	218	0.0781	269	0.1331
168	0.1531	219	0.0761	270	0.2301
169	0.0091	220	0.0781	271	-0.0889
170	0.2661	221	-0.0039	272	0.0401
171	0.0531	222	-0.2499	273	0.2031
172	-0.1269	223	-0.4699	274	0.2501
173	-0.0129	224	-0.4549	275	0.0351
174	-0.2149	225	0.1061	276	0.1561
175	-0.2259	226	-0.0099	277	0.0031
176	-0.3059	227	-1.3539	278	-1.3749
177	-0.3159	228	-1.2469	279	-1.2689
178	-0.1749	229	-1.0959	280	-1.1549
179	-0.0489	230	-0.8049	281	-0.9549
180	-0.2219	231	-0.5729	282	-0.8569
181	0.1131	232	-0.4519	283	-0.6159
182	0.3091	233	-0.3109	284	-0.2739
183	0.2671	234	-0.2129	285	-0.1519
184	0.4671	235	-0.2489	286	-0.0849
185	0.5911	236	-0.2249	287	0.0511
186	0.6911	237	-0.2599	288	0.2091
187	0.7641	238	-0.2199	289	0.2311
188	0.8271	239	-0.1351	290	0.1541
189	0.8581	240	0.0061	291	-1.0619
190	-0.2509	241	-1.4069	292	-0.1279
191	-0.2379	242	-1.2869	325	0.0691
192	-0.2399	244	-0.9379	326	0.0761
193	-0.2389	245	-0.6699	327	0.0761
194	-0.2339	246	-0.4869	328	0.0741
195	-0.2329	247	-0.3049	329	0.0771
196	-0.2339	248	-0.1739	330	0.0761
197	-0.2359	249	-0.1919	331	0.0761
198	-0.2359	250	-0.1259	332	0.0761
199	-0.2309	251	-0.1159	333	0.0751
200	-0.2329	252	-0.0839	334	0.0771
201	-0.2329	253	-0.1841	335	0.0771
202	-0.2289	254	0.0221	336	0.0771
203	-0.2329	255	-1.3929	337	0.0761
204	-0.2339	256	-1.3059	338	0.0761
205	0.0601	257	-1.2269	339	0.0761
206	0.0831	258	-1.0589	340	0.0751
207	0.0921	259	-0.8119	341	0.0781
208	0.0801	260	-0.5629	350	0.0791
210	0.0351	261	-0.2749	351	0.0761
211	0.1551	262	-0.1279	352	0.0791
212	0.1641	263	-0.1479	353	0.0791
213	0.0791	264	0.0051	354	0.0781
214	0.0771	265	0.1361	355	0.0801
215	0.0751	266	0.1501		
216	0.0761	267	-0.1209		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1936

TUNNEL = 11

TEST NO. = 086

TEST PHASE = 2

RUN NUMBER = 324.

CONFIGURATION NO. = 17.

ANGLE OF MODEL ROLL(DEG) = 0.

MACH NUMBER = 0.899.

TUNNEL DYNAMIC PRESSURE(PSF) = 678.

TUNNEL STAGNATION PRESSURE(PSF) = 2025.

TUNNEL STATIC PRESSURE(PSF) = 1198.

REYNOLDS NUMBER PER FOOT = 3.9740E 06

MODEL ANGLE OF ATTACK(DEG) = 4.00

FIN ANGLE(DEG) = -0.

FREE-STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 560.

SCANIVALUE	CP(REF)
147	-0.4230
247	-0.4240
347	-0.4230
447	-0.4230
547	-0.4240
647	-0.4240
747	-0.4240

ORF	CP	ORF	CP	ORF	CP
1	0.0730	52	0.0720	102	0.0770
2	0.0740	53	0.0720	103	0.0750
3	0.0700	54	0.0720	104	0.0750
4	0.0690	55	0.0760	105	0.0720
5	0.0700	56	0.0780	110	-0.0460
6	0.0720	57	0.0770	111	-0.0870
7	0.0700	58	0.0760	112	-0.0310
8	0.0700	59	0.0720	113	-0.0640
9	0.0700	60	0.0720	114	0.0740
10	0.0720	61	0.0730	115	0.0770
11	0.0710	62	0.0740	116	0.0760
12	0.0720	63	0.0730	117	0.0780
13	0.0730	64	0.0720	118	0.0800
14	0.0730	65	0.0740	119	0.0770
15	0.0730	66	0.0770	120	-0.0520
16	0.0760	67	0.0770	121	0.0770
17	0.0770	68	0.0750	122	0.0790
18	0.0760	69	0.0760	123	0.0750
19	0.0740	70	0.0770	124	-0.0070
20	0.0780	71	0.0750	125	-0.0350
21	0.0780	72	0.0740	126	-0.0150
22	0.0760	73	0.0770	127	-0.0220
23	0.0780	74	0.0770	128	0.0180
24	0.0770	75	0.0800	129	-0.0880
25	0.0770	76	0.0770	135	0.0210
26	0.0720	77	0.0750	136	0.0130
27	0.0720	78	0.0730	137	0.0180
28	0.0730	79	0.0780	138	0.1190
29	0.0740	80	0.0810	139	0.1110
30	0.0750	81	0.0770	140	0.1170
32	0.0780	82	0.0770	141	0.1540
33	0.0770	83	0.0730	142	0.1560
34	0.0780	84	0.0720	143	0.1610
35	0.0830	85	0.0690	145	0.0100
36	0.0790	86	0.0690	147	0.1540
37	0.0740	87	0.0700	151	-0.0600
38	0.0760	88	0.0700	152	-0.1640
39	0.0780	89	0.0690	153	-0.2630
40	0.0800	90	0.0730	154	-0.2600
41	0.0830	91	0.0720	155	0.1810
42	0.0780	92	0.0700	156	-0.0420
43	0.0730	93	0.0710	157	-0.1420
44	0.0730	94	0.0700	158	0.1730
45	0.0700	95	0.0690	159	0.0720
46	0.0700	96	0.0710	160	0.0300
47	0.0700	97	0.0720	161	-0.0610
48	0.0710	98	0.0710	162	0.1600
49	0.0700	99	0.0720	163	0.1340
50	0.0700	100	0.0720	164	0.1100
51	0.0700	101	0.0760	165	-0.0360

ORF	CP	ORF	CP	ORF	CP
166	0.1980	217	0.0770	268	-0.0410
167	0.1150	218	0.0750	269	0.0740
168	0.0830	219	0.0750	270	0.1140
169	-0.0250	220	0.0740	271	-0.1380
170	0.2100	221	-0.0030	272	-0.0290
171	0.0330	222	-0.2350	273	0.0900
172	-0.1140	223	-0.3360	274	0.1100
173	-0.0760	224	-0.3330	275	-0.0100
174	-0.2570	225	0.0430	276	0.0230
175	-0.2320	226	-0.1130	277	-0.1300
176	-0.2900	227	-1.3440	278	-1.4030
177	-0.2650	228	-1.2470	279	-1.2930
178	-0.2410	229	-1.1020	280	-1.1270
179	-0.1280	230	-0.7850	281	-0.8490
180	-0.2110	231	-0.5130	282	-0.7420
181	0.1310	232	-0.4150	283	-0.5330
182	0.2770	233	-0.3050	284	-0.3050
183	0.1580	234	-0.2440	285	-0.1990
184	0.3130	235	-0.2540	286	-0.1360
185	0.3970	236	-0.2240	287	-0.0240
186	0.5030	237	-0.2330	288	0.0850
187	0.5940	238	-0.2100	289	0.1140
188	0.6860	239	0.0870	290	0.0940
189	0.7540	240	-0.0390	291	-1.0330
190	-0.2680	241	-1.4170	292	-0.1040
191	-0.2350	242	-1.3090	325	0.0720
192	-0.2440	244	-1.0410	326	0.0810
193	-0.2400	245	-0.6120	327	0.0780
194	-0.2320	246	-0.3930	328	0.0760
195	-0.2350	247	-0.2770	329	0.0770
196	-0.2410	248	-0.2010	330	0.0770
197	-0.2340	249	-0.2310	331	0.0820
198	-0.2320	250	-0.1640	332	0.0780
199	-0.2320	251	-0.1380	333	0.0760
200	-0.2330	252	-0.0950	334	0.0770
201	-0.2240	253	0.1200	335	0.0770
202	-0.2320	254	-0.0310	336	0.0780
203	-0.2360	255	-1.3980	337	0.0790
204	-0.2330	256	-1.3030	338	0.0820
205	0.0440	257	-1.2180	339	0.0790
206	0.0580	258	-1.0710	340	0.0770
207	0.0760	259	-0.7770	341	0.0770
208	0.0650	260	-0.4300	350	0.0770
210	-0.0170	261	-0.2800	351	0.0780
211	0.0970	262	-0.1720	352	0.0760
212	0.1480	263	-0.1920	353	0.0740
213	0.0760	264	-0.0510	354	0.0740
214	0.0760	265	0.0790	355	0.0770
215	0.0770	266	0.0920		
216	0.0760	267	-0.1570		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1938
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 324.
CONFIGURATION NO. = 17.
ANGLE OF MODEL ROLL(DEG) = 0.
MACH NUMBER = 0.902
TUNNEL DYNAMIC PRESSURE(PSF) = 684.
TUNNEL STAGNATION PRESSURE(PSF) = 2034.
TUNNEL STATIC PRESSURE(PSF) = 1200.
REYNOLDS NUMBER PER FOOT = 3.9870E 06
MODEL ANGLE OF ATTACK(DEG) = 7.93
FIN ANGLE(DEG) = -0.
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 561.

SCANIVALUE	CP(REF)
147	-0.4214
247	-0.4224
347	-0.4214
447	-0.4204
547	-0.4204
647	-0.4194
747	-0.4204

DRF	CP	DRF	CP	DRF	CP
1	0.0806	52	0.0796	102	0.0786
2	0.0816	53	0.0806	103	0.0786
3	0.0816	54	0.0806	104	0.0776
4	0.0796	55	0.0826	105	0.0816
5	0.0826	56	0.0796	110	-0.0354
6	0.0796	57	0.0796	111	-0.0924
7	0.0826	58	0.0796	112	-0.0234
8	0.0806	59	0.0836	113	-0.0724
9	0.0826	60	0.0806	114	0.0826
10	0.0786	61	0.0766	115	0.0826
11	0.0796	62	0.0776	116	0.0826
12	0.0816	63	0.0806	117	0.0846
13	0.0826	64	0.0826	118	0.0836
14	0.0826	65	0.0826	119	0.0826
15	0.0796	66	0.0846	120	-0.0464
16	0.0826	67	0.0836	121	0.0826
17	0.0836	68	0.0846	122	0.0816
18	0.0846	69	0.0846	123	0.0826
19	0.0846	70	0.0826	124	-0.0174
20	0.0836	71	0.0816	125	-0.0314
21	0.0846	72	0.0836	126	-0.0134
22	0.0826	73	0.0816	127	-0.0244
23	0.0786	74	0.0816	128	0.0066
24	0.0786	75	0.0806	129	-0.0924
25	0.0796	76	0.0806	135	0.0116
26	0.0846	77	0.0806	136	-0.0034
27	0.0806	78	0.0806	137	0.0066
28	0.0756	79	0.0806	138	0.1176
29	0.0766	80	0.0826	139	0.1086
30	0.0846	81	0.0816	140	0.1176
32	0.0816	82	0.0816	141	0.1456
33	0.0836	83	0.0806	142	0.1506
34	0.0836	84	0.0826	143	0.1566
35	0.0836	85	0.0796	145	-0.0024
36	0.0816	86	0.0796	147	0.1506
37	0.0796	87	0.0816	151	-0.0524
38	0.0816	88	0.0806	152	-0.1634
39	0.0826	89	0.0816	153	-0.2164
40	0.0826	90	0.0806	154	-0.2484
41	0.0816	91	0.0806	155	0.0926
42	0.0826	92	0.0806	156	-0.0334
43	0.0816	93	0.0786	157	-0.1474
44	0.0826	94	0.0796	158	0.1466
45	0.0816	95	0.0786	159	0.0556
46	0.0806	96	0.0806	160	0.0066
47	0.0836	97	0.0756	161	-0.0664
48	0.0806	98	0.0786	162	0.1576
49	0.0816	99	0.0766	163	0.1206
50	0.0806	100	0.0806	164	0.1126
51	0.0816	101	0.0816	165	-0.0364

ORF	CP	ORF	CP	ORF	CP
166	0.1566	217	0.0836	268	-0.0774
167	0.0486	218	0.0816	269	0.0426
168	0.0386	219	0.0816	270	0.0876
169	-0.0404	220	0.0826	271	-0.1794
170	0.0616	221	-0.0304	272	-0.0744
171	-0.0614	222	-0.2274	273	0.0616
172	-0.1504	223	-0.2954	274	0.0826
173	-0.1784	224	-0.2954	275	-0.0454
174	-0.2824	225	0.0566	276	-0.0164
175	-0.2544	226	-0.0974	277	-0.1664
176	-0.2734	227	-1.3194	278	-1.3734
177	-0.2314	228	-1.2134	279	-1.2554
178	-0.2484	229	-1.0844	280	-1.1084
179	-0.1524	230	-0.7914	281	-0.8274
180	-0.2274	231	-0.5614	282	-0.6724
181	0.0436	232	-0.4414	283	-0.5244
182	0.1696	233	-0.3214	284	-0.3474
183	0.0386	234	-0.2514	285	-0.2434
184	0.1866	235	-0.2674	286	-0.1784
185	0.2276	236	-0.2254	287	-0.0734
186	0.3156	237	-0.2334	288	0.0556
187	0.3286	238	-0.2094	289	0.0786
188	0.3606	239	0.0956	290	0.0636
189	0.3696	240	-0.0424	291	-1.0774
190	-0.2604	241	-1.4024	292	-0.0424
191	-0.2414	242	-1.3004	325	0.0746
192	-0.2414	244	-1.0144	326	0.0796
193	-0.2374	245	-0.6224	327	0.0806
194	-0.2374	246	-0.4274	328	0.0816
195	-0.2444	247	-0.2894	329	0.0816
196	-0.2414	248	-0.2194	330	0.0826
197	-0.2424	249	-0.2344	331	0.0806
198	-0.2404	250	-0.1684	332	0.0826
199	-0.2384	251	-0.1464	333	0.0816
200	-0.2494	252	-0.0994	334	0.0826
201	-0.2424	253	0.0786	335	0.0836
202	-0.2434	254	-0.0774	336	0.0806
203	-0.2404	255	-1.3864	337	0.0806
204	-0.2404	256	-1.2924	338	0.0816
205	-0.0174	257	-1.1854	339	0.0836
206	0.0166	258	-1.0324	340	0.0826
207	0.0446	259	-0.7074	341	0.0826
208	-0.0694	260	-0.4764	350	0.0846
210	-0.0544	261	-0.3194	351	0.0866
211	0.0906	262	-0.2024	352	0.0826
212	0.1586	263	-0.2114	353	0.0826
213	0.0806	264	-0.0794	354	0.0806
214	0.0806	265	0.0546	355	0.0836
215	0.0806	266	0.0536		
216	0.0836	267	-0.1944		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1939

TUNNEL = 11

TEST NO. = 086

TEST PHASE = 2

RUN NUMBER = 324.

CONFIGURATION NO. = 17.

ANGLE OF MODEL ROLL(DEG) = 0.

MACH NUMBER = 0.896

TUNNEL DYNAMIC PRESSURE(PSF) = 683.

TUNNEL STAGNATION PRESSURE(PSF) = 2046.

TUNNEL STATIC PRESSURE(PSF) = 1215.

REYNOLDS NUMBER PER FOOT = 3.9960E 06

MODEL ANGLE OF ATTACK(DEG) = 11.73

FIN ANGLE(DEG) = -0.

FREE-STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 561.

SCANIVALUE	CP(REF)
147	-0.4429
247	-0.4449
347	-0.4439
447	-0.4439
547	-0.4499
647	-0.4499
747	-0.4499

DRF	CP	DRF	CP	DRF	CP
1	0.0851	52	0.0961	102	0.0901
2	0.0871	53	0.0951	103	0.0901
3	0.0881	54	0.0951	104	0.0911
4	0.0911	55	0.0921	105	0.0921
5	0.0911	56	0.0911	110	-0.0469
6	0.0921	57	0.0911	111	-0.1089
7	0.0921	58	0.0911	112	-0.0319
8	0.0921	59	0.0941	113	-0.0799
9	0.0941	60	0.0931	114	0.0561
10	0.0961	61	0.0951	115	0.0591
11	0.0961	62	0.0951	116	0.0591
12	0.0961	63	0.0931	117	0.0601
13	0.0951	64	0.0961	118	0.0611
14	0.0951	65	0.0941	119	0.0581
15	0.0931	66	0.0941	120	-0.0719
16	0.0911	67	0.0931	121	0.0541
17	0.0931	68	0.0931	122	0.0561
18	0.0921	69	0.0911	123	0.0571
19	0.0941	70	0.0911	124	-0.0649
20	0.0931	71	0.0901	125	-0.0689
21	0.0941	72	0.0931	126	-0.0619
22	0.0921	73	0.0931	127	-0.0669
23	0.0931	74	0.0901	128	-0.0449
24	0.0921	75	0.0851	129	-0.1299
25	0.0911	76	0.0851	135	-0.0499
26	0.0941	77	0.0861	136	-0.0479
27	0.0931	78	0.0861	137	-0.0439
28	0.0961	79	0.0871	138	0.0831
29	0.0941	80	0.0921	139	0.0791
30	0.0921	81	0.0891	140	0.0881
32	0.0911	82	0.0891	141	0.1151
33	0.0911	83	0.0841	142	0.1321
34	0.0901	84	0.0861	143	0.1301
35	0.0921	85	0.0881	145	-0.0489
36	0.0871	86	0.0901	147	0.1281
37	0.0871	87	0.0911	151	-0.0529
38	0.0881	88	0.0911	152	-0.1689
39	0.0871	89	0.0911	153	-0.2049
40	0.0851	90	0.0921	154	-0.2279
41	0.0891	91	0.0931	155	-0.0859
42	0.0851	92	0.0951	156	-0.0809
43	0.0841	93	0.0951	157	-0.1479
44	0.0881	94	0.0931	158	0.0451
45	0.0891	95	0.0911	159	-0.0129
46	0.0911	96	0.0941	160	-0.0609
47	0.0911	97	0.0921	161	-0.1219
48	0.0921	98	0.0921	162	0.0131
49	0.0911	99	0.0931	163	-0.0199
50	0.0931	100	0.0921	164	0.0761
51	0.0951	101	0.0911	165	-0.1339

ORF	CP	ORF	CP	ORF	CP
166	-0.0119	217	0.0641	268	-0.1879
167	-0.1049	218	0.0651	269	-0.0739
168	-0.1199	219	0.0641	270	-0.0389
169	-0.1559	220	0.0651	271	-0.2739
170	-0.1329	221	-0.0079	272	-0.2009
171	-0.1759	222	-0.2649	273	-0.0749
172	-0.2119	223	-0.3319	274	-0.0559
173	-0.2659	224	-0.3379	275	-0.0929
174	-0.2499	225	-0.0139	276	-0.1039
175	-0.2609	226	-0.0809	277	-0.2509
176	-0.2589	227	-1.3109	278	-1.2559
177	-0.2449	228	-1.1859	279	-1.1559
178	-0.2639	229	-1.0889	280	-1.0519
179	-0.2259	230	-0.7969	281	-0.8369
180	-0.2489	231	-0.6289	282	-0.6099
181	0.0251	232	-0.5209	283	-0.5029
182	0.1061	233	-0.3719	284	-0.4069
183	-0.0799	234	-0.2829	285	-0.3289
184	-0.0109	235	-0.3169	286	-0.2919
185	0.0131	236	-0.2769	287	-0.2049
186	0.0651	237	-0.2679	288	-0.0989
187	0.0811	238	-0.2449	289	-0.0759
188	0.1001	239	0.0711	290	-0.0309
189	0.1571	240	-0.0299	291	-1.1179
190	-0.2159	241	-1.4159	292	-0.0029
191	-0.2419	242	-1.3009	325	0.0781
192	-0.2269	244	-1.0569	326	0.0881
193	-0.2269	245	-0.7709	327	0.0861
194	-0.2259	246	-0.4629	328	0.0811
195	-0.2469	247	-0.3479	329	0.0811
196	-0.2339	248	-0.2659	330	0.0801
197	-0.2299	249	-0.3159	331	0.0881
198	-0.2339	250	-0.2389	332	0.0841
199	-0.2389	251	-0.1889	333	0.0821
200	-0.2509	252	-0.1439	334	0.0821
201	-0.2409	253	0.0261	335	0.0811
202	-0.2379	254	-0.1249	336	0.0851
203	-0.2459	255	-1.4199	337	0.0851
204	-0.2499	256	-1.3369	338	0.0881
205	-0.0359	257	-1.2529	339	0.0831
206	-0.0479	258	-1.0959	340	0.0821
207	-0.0389	259	-0.6469	341	0.0811
208	-0.2899	260	-0.4669	350	0.0611
210	-0.1089	261	-0.3569	351	0.0611
211	0.0371	262	-0.2739	352	0.0631
212	0.1081	263	-0.3039	353	0.0611
213	0.0641	264	-0.1859	354	0.0621
214	0.0641	265	-0.0539	355	0.0651
215	0.0661	266	-0.0279		
216	0.0661	267	-0.2839		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1941
 TUNNEL = 11
 TEST NO. = 086
 TEST PHASE = 2
 RUN NUMBER = 324.
 CONFIGURATION NO. = 17.
 ANGLE OF MODEL ROLL(DEG) = 0.
 MACH NUMBER = 0.898
 TUNNEL DYNAMIC PRESSURE(PSF) = 684.
 TUNNEL STAGNATION PRESSURE(PSF) = 2045.
 TUNNEL STATIC PRESSURE(PSF) = 1212.
 REYNOLDS NUMBER PER FOOT = 3.9970E 06
 MODEL ANGLE OF ATTACK(DEG) = 0.06
 FIN ANGLE(DEG) = -0.
 FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 561.

SCANIVALUE	CP(REF)
147	-0.4379
247	-0.4399
347	-0.4389
447	-0.4379
547	-0.4409
647	-0.4409
747	-0.4409

ORF	CP	ORF	CP	ORF	CP
1	0.0711	52	0.0761	102	0.0751
2	0.0731	53	0.0751	103	0.0741
3	0.0731	54	0.0751	104	0.0761
4	0.0761	55	0.0761	105	0.0761
5	0.0781	56	0.0761	110	-0.0559
6	0.0741	57	0.0751	111	-0.0849
7	0.0751	58	0.0781	112	-0.0369
8	0.0751	59	0.0771	113	-0.0559
9	0.0761	60	0.0751	114	0.0711
10	0.0761	61	0.0751	115	0.0711
11	0.0751	62	0.0741	116	0.0731
12	0.0751	63	0.0761	117	0.0711
13	0.0741	64	0.0761	118	0.0701
14	0.0771	65	0.0741	119	0.0701
15	0.0761	66	0.0751	120	-0.0639
16	0.0731	67	0.0731	121	0.0731
17	0.0721	68	0.0741	122	0.0731
18	0.0721	69	0.0721	123	0.0701
19	0.0751	70	0.0711	124	-0.0079
20	0.0741	71	0.0721	125	-0.0389
21	0.0751	72	0.0741	126	-0.0149
22	0.0771	73	0.0741	127	-0.0249
23	0.0761	74	0.0741	128	0.0201
24	0.0741	75	0.0731	129	-0.0979
25	0.0781	76	0.0711	135	0.0211
26	0.0781	77	0.0731	136	0.0131
27	0.0761	78	0.0761	137	0.0221
28	0.0751	79	0.0721	138	0.1151
29	0.0731	80	0.0751	139	0.1071
30	0.0741	81	0.0721	140	0.1121
32	0.0751	82	0.0741	141	0.1571
33	0.0741	83	0.0711	142	0.1531
34	0.0741	84	0.0731	143	0.1601
35	0.0761	85	0.0711	145	0.0101
36	0.0731	86	0.0751	147	0.1531
37	0.0761	87	0.0761	151	-0.0479
38	0.0741	88	0.0731	152	-0.1479
39	0.0731	89	0.0751	153	-0.2759
40	0.0741	90	0.0741	154	-0.2739
41	0.0741	91	0.0741	155	0.3011
42	0.0741	92	0.0741	156	0.0131
43	0.0721	93	0.0741	157	-0.1249
44	0.0741	94	0.0731	158	0.3151
45	0.0731	95	0.0741	159	0.1921
46	0.0761	96	0.0751	160	0.1381
47	0.0781	97	0.0741	161	0.0141
48	0.0751	98	0.0731	162	0.3151
49	0.0761	99	0.0731	163	0.2821
50	0.0751	100	0.0751	164	0.1071
51	0.0751	101	0.0751	165	0.0361

ORF	CP	ORF	CP	ORF	CP
166	0.3111	217	0.0711	268	0.0101
167	0.2011	218	0.0701	269	0.1321
168	0.1561	219	0.0681	270	0.2271
169	0.0091	220	0.0701	271	-0.0959
170	0.2671	221	0.0321	272	0.0331
171	0.0471	222	-0.2519	273	0.2021
172	-0.1269	223	-0.4749	274	0.2341
173	-0.0169	224	-0.4549	275	0.0311
174	-0.2169	225	0.1111	276	0.1471
175	-0.2319	226	-0.0219	277	0.0011
176	-0.3099	227	-1.3569	278	-1.3859
177	-0.3189	228	-1.2469	279	-1.2809
178	-0.1699	229	-1.0899	280	-1.1669
179	-0.0499	230	-0.8129	281	-0.9739
180	-0.2239	231	-0.5789	282	-0.8669
181	0.1071	232	-0.4579	283	-0.6509
182	0.3161	233	-0.3239	284	-0.2899
183	0.2681	234	-0.2249	285	-0.1519
184	0.4681	235	-0.2469	286	-0.0819
185	0.5701	236	-0.2279	287	0.0461
186	0.6941	237	-0.2589	288	0.2061
187	0.7721	238	-0.2229	289	0.2351
188	0.8181	239	-0.1271	290	0.1481
189	0.8641	240	0.0021	291	-1.0789
190	-0.2519	241	-1.4169	292	-0.1389
191	-0.2399	242	-1.2959	325	0.0661
192	-0.2419	244	-0.9469	326	0.0721
193	-0.2439	245	-0.6849	327	0.0721
194	-0.2409	246	-0.5019	328	0.0721
195	-0.2379	247	-0.2889	329	0.0711
196	-0.2359	248	-0.1859	330	0.0731
197	-0.2369	249	-0.2059	331	0.0721
198	-0.2379	250	-0.1299	332	0.0731
199	-0.2399	251	-0.1229	333	0.0721
200	-0.2359	252	-0.0899	334	0.0711
201	-0.2329	253	0.1731	335	0.0741
202	-0.2379	254	0.0171	336	0.0721
203	-0.2299	255	-1.4019	337	0.0721
204	-0.2349	256	-1.3149	338	0.0741
205	0.0571	257	-1.2359	339	0.0731
206	0.0771	258	-1.0779	340	0.0731
207	0.0871	259	-0.8059	341	0.0721
208	0.0751	260	-0.5339	350	0.0711
210	0.0181	261	-0.2889	351	0.0721
211	0.1321	262	-0.1429	352	0.0711
212	0.1721	263	-0.1519	353	0.0701
213	0.0681	264	0.0001	354	0.0721
214	0.0701	265	0.1251	355	0.0731
215	0.0731	266	0.1391		
216	0.0701	267	-0.1189		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1942
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 323.
CONFIGURATION NO. = 17.
ANGLE OF MODEL ROLL(DEG) = 0.
MACH NUMBER = 1.050
TUNNEL DYNAMIC PRESSURE(PSF) = 756.
TUNNEL STAGNATION PRESSURE(PSF) = 1967.
TUNNEL STATIC PRESSURE(PSF) = 979.
REYNOLDS NUMBER PER FOOT = 4.0260E 06
MODEL ANGLE OF ATTACK(DEG) = -12.08
FIN ANGLE(DEG) = -0.
FREE^oSTREAM TOTAL TEMPERATURE(DEG. RANKINE) = 561.

SCANIVALUE	CP(REF)
147	-0.0900
247	-0.0900
347	-0.0900
447	-0.0900
547	-0.0940
647	-0.0940
747	-0.0950

ORF	CP	ORF	CP	ORF	CP
1	0.0380	52	0.0410	102	0.0420
2	0.0380	53	0.0420	103	0.0420
3	0.0410	54	0.0420	104	0.0410
4	0.0420	55	0.0420	105	0.0420
5	0.0410	56	0.0430	110	-0.1340
6	0.0410	57	0.0430	111	-0.1510
7	0.0400	58	0.0420	112	-0.0830
8	0.0420	59	0.0420	113	-0.1120
9	0.0440	60	0.0410	114	0.0360
10	0.0410	61	0.0420	115	0.0360
11	0.0420	62	0.0450	116	0.0360
12	0.0420	63	0.0430	117	0.0350
13	0.0410	64	0.0420	118	0.0360
14	0.0430	65	0.0420	119	0.0350
15	0.0420	66	0.0410	120	-0.1940
16	0.0440	67	0.0420	121	0.0230
17	0.0420	68	0.0420	122	0.0330
18	0.0420	69	0.0420	123	0.0360
19	0.0430	70	0.0430	124	-0.0820
20	0.0420	71	0.0430	125	-0.0910
21	0.0410	72	0.0420	126	-0.0490
22	0.0410	73	0.0430	127	-0.0760
23	0.0430	74	0.0430	128	-0.0480
24	0.0430	75	0.0440	129	-0.2380
25	0.0440	76	0.0430	135	-0.0580
26	0.0430	77	0.0420	136	-0.0530
27	0.0420	78	0.0450	137	-0.0480
28	0.0420	79	0.0430	138	0.0930
29	0.0450	80	0.0430	139	0.0650
30	0.0430	81	0.0450	140	0.0960
32	0.0430	82	0.0430	141	0.2840
33	0.0440	83	0.0380	142	0.2820
34	0.0450	84	0.0380	143	0.2570
35	0.0440	85	0.0410	145	-0.0590
36	0.0430	86	0.0400	147	0.2810
37	0.0440	87	0.0400	151	0.2140
38	0.0420	88	0.0410	152	0.1170
39	0.0430	89	0.0400	153	-0.1500
40	0.0440	90	0.0420	154	-0.2680
41	0.0430	91	0.0410	155	0.6140
42	0.0410	92	0.0410	156	0.3590
43	0.0380	93	0.0400	157	0.1360
44	0.0380	94	0.0420	158	0.6250
45	0.0410	95	0.0420	159	0.5210
46	0.0410	96	0.0420	160	0.4520
47	0.0410	97	0.0420	161	0.2840
48	0.0420	98	0.0420	162	0.6000
49	0.0410	99	0.0450	163	0.5840
50	0.0420	100	0.0400	164	0.0680
51	0.0430	101	0.0400	165	0.2620

ORF	CP	ORF	CP	ORF	CP
166	0.5860	217	0.0370	268	0.1820
167	0.4090	218	0.0370	269	0.3620
168	0.3400	219	0.0410	270	0.4640
169	0.1450	220	0.0370	271	-0.0230
170	0.4160	221	0.1260	272	0.2160
171	0.1790	222	-0.2350	273	0.4420
172	-0.0840	223	-0.3580	274	0.4690
173	0.1400	224	-0.3550	275	0.6250
174	-0.0680	225	0.4570	276	0.5100
175	-0.2400	226	0.3650	277	0.3610
176	-0.5520	227	-0.9210	278	-0.9610
177	0.0250	228	-0.8240	279	-0.9160
178	-0.0200	229	-0.7240	280	-0.8640
179	0.1490	230	-0.5080	281	-0.6860
180	-0.3450	231	-0.2080	282	-0.5450
181	0.2850	232	-0.1160	283	-0.4240
182	0.5730	233	-0.0770	284	-0.2870
183	0.4780	234	0.0470	285	0.0300
184	0.7520	235	-0.2410	286	0.0080
185	0.9390	236	-0.2440	287	0.2350
186	1.1180	237	-0.1240	288	0.4440
187	1.2020	238	-0.1010	289	0.4660
188	1.2670	239	0.5890	290	0.3820
189	1.2760	240	0.4960	291	-0.6790
190	-0.3270	241	-0.9020	292	-0.1970
191	-0.2860	242	-0.7730	325	0.0340
192	-0.3240	244	-0.5460	326	0.0420
193	-0.3220	245	-0.4490	327	0.0420
194	-0.3230	246	-0.3240	328	0.0430
195	-0.2930	247	-0.1210	329	0.0430
196	-0.3320	248	0.0840	330	0.0440
197	-0.3250	249	-0.2090	331	0.0430
198	-0.3280	250	-0.0800	332	0.0420
199	-0.3290	251	0.1010	333	0.0420
200	-0.3010	252	0.1390	334	0.0440
201	-0.3110	253	0.5360	335	0.0450
202	-0.3270	254	0.3970	336	0.0430
203	-0.3210	255	-0.9450	337	0.0430
204	-0.3140	256	-0.8560	338	0.0420
205	0.3480	257	-0.7680	339	0.0420
206	0.3490	258	-0.6080	340	0.0440
207	0.4880	259	-0.4570	341	0.0440
208	0.5920	260	-0.3800	350	0.0350
210	0.3500	261	-0.2120	351	0.0380
211	0.4630	262	0.0790	352	0.0360
212	0.5080	263	-0.1490	353	0.0360
213	0.0380	264	0.1560	354	0.0360
214	0.0350	265	0.3560	355	0.0370
215	0.0380	266	0.3730		
216	0.0350	267	-0.0710		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1943
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 323.
CONFIGURATION NO. = 17.
ANGLE OF MODEL ROLL(DEG) = 0.
MACH NUMBER = 1.051
TUNNEL DYNAMIC PRESSURE(PSF) = 750.
TUNNEL STAGNATION PRESSURE(PSF) = 1951.
TUNNEL STATIC PRESSURE(PSF) = 970.
REYNOLDS NUMBER PER FOOT = 3.9970E 06
MODEL ANGLE OF ATTACK(DEG) = -8.10
FIN ANGLE(DEG) = -0.
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 561.

SCANIVALUE	CP(REF)
147	-0.0783
247	-0.0793
347	-0.0793
447	-0.0793
547	-0.0783
647	-0.0793
747	-0.0803

ORF	CP	ORF	CP	ORF	CP
1	0.0497	52	0.0487	102	0.0477
2	0.0497	53	0.0497	103	0.0487
3	0.0517	54	0.0507	104	0.0467
4	0.0517	55	0.0487	105	0.0487
5	0.0507	56	0.0487	110	-0.1473
6	0.0517	57	0.0507	111	-0.1633
7	0.0487	58	0.0477	112	-0.0843
8	0.0477	59	0.0497	113	-0.0873
9	0.0497	60	0.0487	114	0.0487
10	0.0497	61	0.0507	115	0.0467
11	0.0497	62	0.0507	116	0.0457
12	0.0507	63	0.0507	117	0.0477
13	0.0487	64	0.0497	118	0.0477
14	0.0507	65	0.0487	119	0.0487
15	0.0517	66	0.0467	120	-0.1803
16	0.0507	67	0.0467	121	0.0377
17	0.0527	68	0.0497	122	0.0457
18	0.0497	69	0.0497	123	0.0477
19	0.0507	70	0.0527	124	-0.0603
20	0.0487	71	0.0497	125	-0.0793
21	0.0467	72	0.0507	126	-0.0373
22	0.0487	73	0.0507	127	-0.0603
23	0.0497	74	0.0497	128	-0.0153
24	0.0507	75	0.0507	129	-0.2073
25	0.0487	76	0.0467	135	-0.0293
26	0.0497	77	0.0497	136	-0.0343
27	0.0497	78	0.0507	137	-0.0173
28	0.0517	79	0.0487	138	0.0927
29	0.0507	80	0.0487	139	0.0737
30	0.0527	81	0.0517	140	0.1077
32	0.0527	82	0.0507	141	0.2627
33	0.0497	83	0.0477	142	0.2597
34	0.0507	84	0.0487	143	0.2307
35	0.0497	85	0.0507	145	-0.0393
36	0.0517	86	0.0497	147	0.2607
37	0.0507	87	0.0477	151	0.1247
38	0.0497	88	0.0507	152	0.0237
39	0.0477	89	0.0477	153	-0.2323
40	0.0507	90	0.0467	154	-0.3343
41	0.0497	91	0.0497	155	0.5117
42	0.0477	92	0.0487	156	0.2587
43	0.0487	93	0.0487	157	0.0567
44	0.0487	94	0.0477	158	0.5237
45	0.0517	95	0.0477	159	0.4237
46	0.0507	96	0.0487	160	0.3657
47	0.0497	97	0.0487	161	0.2127
48	0.0517	98	0.0497	162	0.5207
49	0.0487	99	0.0477	163	0.5067
50	0.0487	100	0.0487	164	0.0697
51	0.0487	101	0.0467	165	0.2087

ORF	CP	ORF	CP	ORF	CP
166	0.5147	217	0.0477	268	0.1137
167	0.3687	218	0.0507	269	0.2847
168	0.3017	219	0.0487	270	0.3787
169	0.1237	220	0.0467	271	-0.0493
170	0.4217	221	0.0457	272	0.1537
171	0.1637	222	-0.2713	273	0.3637
172	-0.0923	223	-0.3833	274	0.3917
173	0.1117	224	-0.3773	275	0.5657
174	-0.0373	225	0.4117	276	0.4597
175	-0.2583	226	0.3177	277	0.3147
176	-0.5353	227	-0.9223	278	-0.9703
177	-0.0743	228	-0.8243	279	-0.9273
178	-0.1043	229	-0.7083	280	-0.8803
179	0.0467	230	-0.4833	281	-0.6983
180	-0.3463	231	-0.2343	282	-0.5403
181	0.2197	232	-0.1713	283	-0.4293
182	0.4827	233	-0.1353	284	-0.3043
183	0.4007	234	-0.0043	285	-0.0373
184	0.6747	235	-0.2553	286	-0.0253
185	0.8797	236	-0.2883	287	0.1727
186	1.0477	237	-0.2073	288	0.3647
187	1.1417	238	-0.1593	289	0.3857
188	1.2097	239	0.5267	290	0.3017
189	1.2387	240	0.4377	291	-0.7813
190	-0.3523	241	-0.9163	292	-0.1793
191	-0.3273	242	-0.7963	325	0.0387
192	-0.3353	244	-0.5413	326	0.0477
193	-0.3323	245	-0.4683	327	0.0487
194	-0.3253	246	-0.3743	328	0.0457
195	-0.3163	247	-0.1833	329	0.0497
196	-0.3343	248	0.0287	330	0.0477
197	-0.3303	249	-0.2183	331	0.0487
198	-0.3303	250	-0.1483	332	0.0467
199	-0.3323	251	0.0107	333	0.0477
200	-0.3213	252	0.0637	334	0.0497
201	-0.3213	253	0.4847	335	0.0477
202	-0.3283	254	0.3437	336	0.0487
203	-0.3243	255	-0.9583	337	0.0497
204	-0.3243	256	-0.8773	338	0.0477
205	0.3277	257	-0.7973	339	0.0467
206	0.3927	258	-0.6293	340	0.0477
207	0.4487	259	-0.4693	341	0.0497
208	0.5177	260	-0.4013	350	0.0487
210	0.3097	261	-0.2623	351	0.0457
211	0.4157	262	0.0207	352	0.0457
212	0.4437	263	-0.1553	353	0.0487
213	0.0457	264	0.0857	354	0.0487
214	0.0467	265	0.2797	355	0.0447
215	0.0487	266	0.2897		
216	0.0487	267	-0.0873		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1944

TUNNEL = 11

TEST NO. = 086

TEST PHASE = 2

RUN NUMBER = 323.

CONFIGURATION NO. = 17.

ANGLE OF MODEL ROLL(DEG) = 0.

MACH NUMBER = 1.050

TUNNEL DYNAMIC PRESSURE(PSF) = 751.

TUNNEL STAGNATION PRESSURE(PSF) = 1954.

TUNNEL STATIC PRESSURE(PSF) = 972.

REYNOLDS NUMBER PER FOOT = 4.0010E 06

MODEL ANGLE OF ATTACK(DEG) = -4.00

FIN ANGLE(DEG) = -0.

FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 561.

SCANIVALUE	CP(REF)
147	-0.0793
247	-0.0803
347	-0.0803
447	-0.0803
547	-0.0813
647	-0.0813
747	-0.0813

ORF	CP	ORF	CP	ORF	CP
1	0.0607	52	0.0587	102	0.0557
2	0.0617	53	0.0577	103	0.0557
3	0.0587	54	0.0597	104	0.0577
4	0.0587	55	0.0577	105	0.0567
5	0.0607	56	0.0577	110	-0.1733
6	0.0587	57	0.0567	111	-0.2003
7	0.0597	58	0.0577	112	-0.1053
8	0.0597	59	0.0577	113	-0.1053
9	0.0607	60	0.0597	114	0.0567
10	0.0607	61	0.0577	115	0.0557
11	0.0597	62	0.0567	116	0.0537
12	0.0587	63	0.0557	117	0.0547
13	0.0587	64	0.0567	118	0.0547
14	0.0577	65	0.0587	119	0.0527
15	0.0567	66	0.0587	120	-0.1613
16	0.0567	67	0.0577	121	0.0477
17	0.0567	68	0.0577	122	0.0557
18	0.0577	69	0.0567	123	0.0557
19	0.0597	70	0.0567	124	-0.0463
20	0.0597	71	0.0557	125	-0.0703
21	0.0587	72	0.0537	126	-0.0213
22	0.0577	73	0.0597	127	-0.0433
23	0.0577	74	0.0587	128	-0.0023
24	0.0567	75	0.0597	129	-0.1863
25	0.0587	76	0.0587	135	-0.0063
26	0.0577	77	0.0587	136	-0.0173
27	0.0607	78	0.0577	137	-0.0003
28	0.0587	79	0.0577	138	0.1127
29	0.0577	80	0.0617	139	0.0897
30	0.0547	81	0.0617	140	0.1197
32	0.0597	82	0.0617	141	0.2577
33	0.0617	83	0.0587	142	0.2487
34	0.0627	84	0.0587	143	0.2447
35	0.0627	85	0.0567	145	-0.0203
36	0.0607	86	0.0577	147	0.2477
37	0.0587	87	0.0587	151	0.0177
38	0.0597	88	0.0577	152	-0.0763
39	0.0597	89	0.0587	153	-0.3063
40	0.0597	90	0.0577	154	-0.4043
41	0.0607	91	0.0587	155	0.3747
42	0.0587	92	0.0567	156	0.1087
43	0.0597	93	0.0577	157	-0.0713
44	0.0607	94	0.0597	158	0.4187
45	0.0577	95	0.0587	159	0.3007
46	0.0577	96	0.0567	160	0.2467
47	0.0597	97	0.0567	161	0.1097
48	0.0587	98	0.0547	162	0.4647
49	0.0597	99	0.0547	163	0.4387
50	0.0597	100	0.0587	164	0.0877
51	0.0597	101	0.0557	165	0.1497

ORF	CP	ORF	CP	ORF	CP
166	0.4987	217	0.0597	268	0.0727
167	0.3407	218	0.0537	269	0.1737
168	0.2757	219	0.0557	270	0.2917
169	0.1147	220	0.0567	271	-0.0753
170	0.4837	221	0.0437	272	0.1017
171	0.1837	222	-0.2783	273	0.2827
172	-0.0803	223	-0.4043	274	0.3237
173	0.0947	224	-0.4003	275	0.4947
174	-0.0003	225	0.3557	276	0.3897
175	-0.3173	226	0.2547	277	0.2487
176	-0.5263	227	-0.9343	278	-0.9833
177	-0.2123	228	-0.8443	279	-0.9493
178	-0.1083	229	-0.7313	280	-0.9033
179	0.0087	230	-0.5133	281	-0.7303
180	-0.3393	231	-0.2983	282	-0.5393
181	0.0897	232	-0.2333	283	-0.4163
182	0.3657	233	-0.1943	284	-0.3333
183	0.4487	234	-0.0733	285	-0.0983
184	0.7017	235	-0.2823	286	-0.0663
185	0.8897	236	-0.2903	287	0.1167
186	0.9967	237	-0.2803	288	0.3097
187	1.1137	238	-0.2383	289	0.3457
188	1.1387	239	0.4447	290	0.1987
189	1.1937	240	0.3507	291	-0.8103
190	-0.3653	241	-0.9413	292	-0.1233
191	-0.3413	242	-0.8323	325	0.0497
192	-0.3523	244	-0.5743	326	0.0587
193	-0.3513	245	-0.4743	327	0.0577
194	-0.3523	246	-0.3833	328	0.0557
195	-0.3423	247	-0.2363	329	0.0577
196	-0.3523	248	-0.0443	330	0.0577
197	-0.3373	249	-0.2333	331	0.0587
198	-0.3413	250	-0.1443	332	0.0577
199	-0.3403	251	-0.0693	333	0.0567
200	-0.3323	252	-0.0273	334	0.0577
201	-0.3293	253	0.3917	335	0.0577
202	-0.3413	254	0.2537	336	0.0597
203	-0.3403	255	-0.9853	337	0.0597
204	-0.3353	256	-0.9153	338	0.0577
205	0.3037	257	-0.8503	339	0.0567
206	0.3027	258	-0.6693	340	0.0567
207	0.3817	259	-0.4303	341	0.0587
208	0.3977	260	-0.3933	350	0.0537
210	0.2707	261	-0.3013	351	0.0547
211	0.3677	262	-0.0503	352	0.0537
212	0.3897	263	-0.1483	353	0.0547
213	0.0557	264	0.0527	354	0.0547
214	0.0567	265	0.1947	355	0.0527
215	0.0577	266	0.1697		
216	0.0567	267	-0.1023		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1945
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 323.
CONFIGURATION NO. = 17.
ANGLE OF MODEL ROLL(DEG) = 0.
MACH NUMBER = 1.053
TUNNEL DYNAMIC PRESSURE(PSF) = 752.
TUNNEL STAGNATION PRESSURE(PSF) = 1953.
TUNNEL STATIC PRESSURE(PSF) = 969.
REYNOLDS NUMBER PER FOOT = 4.0010E 06
MODEL ANGLE OF ATTACK(DEG) = 0.12
FIN ANGLE(DEG) = -0.
FREE*STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 561.

SCANIVALUE	CP(REF)
147	-0.0756
247	-0.0756
347	-0.0756
447	-0.0746
547	-0.0746
647	-0.0746
747	-0.0756

ORF	CP	ORF	CP	ORF	CP
1	0.0614	52	0.0634	102	0.0634
2	0.0624	53	0.0624	103	0.0634
3	0.0624	54	0.0644	104	0.0614
4	0.0664	55	0.0634	105	0.0614
5	0.0654	56	0.0634	110	-0.1546
6	0.0634	57	0.0634	111	-0.1826
7	0.0654	58	0.0614	112	-0.1046
8	0.0654	59	0.0624	113	-0.1136
9	0.0654	60	0.0604	114	0.0664
10	0.0634	61	0.0614	115	0.0644
11	0.0624	62	0.0604	116	0.0654
12	0.0654	63	0.0594	117	0.0644
13	0.0644	64	0.0614	118	0.0644
14	0.0624	65	0.0634	119	0.0644
15	0.0594	66	0.0644	120	-0.1376
16	0.0624	67	0.0634	121	0.0584
17	0.0634	68	0.0634	122	0.0644
18	0.0634	69	0.0634	123	0.0664
19	0.0634	70	0.0614	124	-0.0326
20	0.0644	71	0.0614	125	-0.0516
21	0.0654	72	0.0614	126	-0.0066
22	0.0644	73	0.0624	127	-0.0356
23	0.0634	74	0.0624	128	0.0084
24	0.0634	75	0.0634	129	-0.1676
25	0.0624	76	0.0634	135	0.0024
26	0.0634	77	0.0604	136	-0.0026
27	0.0614	78	0.0624	137	0.0094
28	0.0604	79	0.0604	138	0.1284
29	0.0604	80	0.0594	139	0.1064
30	0.0624	81	0.0594	140	0.1374
32	0.0634	82	0.0594	141	0.2554
33	0.0604	83	0.0614	142	0.2494
34	0.0614	84	0.0634	143	0.2534
35	0.0614	85	0.0624	145	-0.0036
36	0.0594	86	0.0664	147	0.2484
37	0.0624	87	0.0644	151	-0.0526
38	0.0604	88	0.0654	152	-0.1496
39	0.0634	89	0.0654	153	-0.3766
40	0.0644	90	0.0634	154	-0.4666
41	0.0644	91	0.0644	155	0.3564
42	0.0624	92	0.0624	156	0.0234
43	0.0614	93	0.0634	157	-0.1376
44	0.0634	94	0.0664	158	0.4254
45	0.0624	95	0.0644	159	0.2414
46	0.0664	96	0.0604	160	0.1894
47	0.0654	97	0.0614	161	0.0684
48	0.0644	98	0.0584	162	0.4574
49	0.0654	99	0.0594	163	0.4044
50	0.0654	100	0.0604	164	0.1014
51	0.0654	101	0.0634	165	0.1144

ORF	CP	ORF	CP	ORF	CP
166	0.4454	217	0.0644	268	0.0214
167	0.2544	218	0.0644	269	0.1364
168	0.2104	219	0.0614	270	0.2824
169	0.0664	220	0.0634	271	-0.1566
170	0.3134	221	0.0364	272	0.0484
171	0.0784	222	-0.2796	273	0.2644
172	-0.1346	223	-0.4086	274	0.3104
173	-0.0156	224	-0.4046	275	0.3324
174	-0.2016	225	0.3124	276	0.3684
175	-0.2946	226	0.1984	277	0.2284
176	-0.4976	227	-0.9406	278	-0.9746
177	-0.3276	228	-0.8576	279	-0.9296
178	-0.2396	229	-0.7446	280	-0.8786
179	-0.1076	230	-0.5446	281	-0.7286
180	-0.3246	231	-0.3516	282	-0.5906
181	0.1154	232	-0.2536	283	-0.4386
182	0.3974	233	-0.2216	284	-0.2396
183	0.2674	234	-0.1196	285	-0.1176
184	0.5394	235	-0.2956	286	-0.1506
185	0.7004	236	-0.2766	287	0.0654
186	0.8054	237	-0.3096	288	0.2814
187	0.8354	238	-0.2776	289	0.3124
188	0.8974	239	0.3124	290	0.1674
189	0.9334	240	0.2034	291	-0.7456
190	-0.3566	241	-0.9846	292	-0.0766
191	-0.3426	242	-0.8916	325	0.0544
192	-0.3476	244	-0.5506	326	0.0634
193	-0.3456	245	-0.3906	327	0.0624
194	-0.3436	246	-0.3276	328	0.0614
195	-0.3436	247	-0.2476	329	0.0604
196	-0.3406	248	-0.1006	330	0.0604
197	-0.3416	249	-0.2436	331	0.0634
198	-0.3416	250	-0.1556	332	0.0624
199	-0.3466	251	-0.1256	333	0.0614
200	-0.3456	252	-0.0866	334	0.0604
201	-0.3386	253	0.3224	335	0.0614
202	-0.3456	254	0.1774	336	0.0644
203	-0.3396	255	-0.9896	337	0.0634
204	-0.3396	256	-0.9216	338	0.0634
205	0.2574	257	-0.8626	339	0.0634
206	0.2564	258	-0.7086	340	0.0624
207	0.2864	259	-0.4496	341	0.0604
208	0.2704	260	-0.3586	350	0.0614
210	0.2354	261	-0.2456	351	0.0644
211	0.3354	262	-0.0796	352	0.0644
212	0.3654	263	-0.2066	353	0.0654
213	0.0634	264	0.0094	354	0.0624
214	0.0644	265	0.1504	355	0.0614
215	0.0634	266	0.1554		
216	0.0664	267	-0.1756		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1946

TUNNEL = 11

TEST NO. = 086

TEST PHASE = 2

RUN NUMBER = 323.

CONFIGURATION NO. = 17.

ANGLE OF MODEL ROLL(DEG) = 0.

MACH NUMBER = 1.047

TUNNEL DYNAMIC PRESSURE(PSF) = 749.

TUNNEL STAGNATION PRESSURE(PSF) = 1953.

TUNNEL STATIC PRESSURE(PSF) = 976.

REYNOLDS NUMBER PER FOOT = 3.9970E 06

MODEL ANGLE OF ATTACK(DEG) = 4.03

FIN ANGLE(DEG) = -0.

FREE-STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 561.

SCANIVALUE	CP(REF)
147	-0.0841
247	-0.0841
347	-0.0841
447	-0.0831
547	-0.0831
647	-0.0831
747	-0.0831

ORF	CP	ORF	CP	ORF	CP
1	0.0559	52	0.0579	102	0.0529
2	0.0529	53	0.0539	103	0.0519
3	0.0559	54	0.0529	104	0.0549
4	0.0569	55	0.0559	105	0.0569
5	0.0589	56	0.0539	110	-0.1391
6	0.0579	57	0.0529	111	-0.1611
7	0.0569	58	0.0559	112	-0.1071
8	0.0549	59	0.0589	113	-0.1231
9	0.0559	60	0.0569	114	0.0529
10	0.0569	61	0.0589	115	0.0549
11	0.0529	62	0.0549	116	0.0559
12	0.0519	63	0.0569	117	0.0549
13	0.0549	64	0.0569	118	0.0539
14	0.0559	65	0.0549	119	0.0549
15	0.0569	66	0.0559	120	-0.1321
16	0.0589	67	0.0569	121	0.0499
17	0.0559	68	0.0579	122	0.0569
18	0.0569	69	0.0569	123	0.0549
19	0.0589	70	0.0569	124	-0.0421
20	0.0569	71	0.0579	125	-0.0631
21	0.0559	72	0.0569	126	-0.0221
22	0.0559	73	0.0569	127	-0.0481
23	0.0529	74	0.0549	128	-0.0081
24	0.0529	75	0.0559	129	-0.1541
25	0.0559	76	0.0559	135	-0.0131
26	0.0579	77	0.0559	136	-0.0161
27	0.0569	78	0.0539	137	-0.0051
28	0.0579	79	0.0559	138	0.1259
29	0.0539	80	0.0569	139	0.1079
30	0.0569	81	0.0559	140	0.1299
32	0.0549	82	0.0559	141	0.2489
33	0.0549	83	0.0569	142	0.2399
34	0.0569	84	0.0539	143	0.2509
35	0.0569	85	0.0559	145	-0.0171
36	0.0549	86	0.0579	147	0.2399
37	0.0529	87	0.0589	151	-0.0831
38	0.0559	88	0.0579	152	-0.1961
39	0.0569	89	0.0549	153	-0.3681
40	0.0569	90	0.0539	154	-0.4331
41	0.0569	91	0.0529	155	0.2539
42	0.0559	92	0.0539	156	0.0049
43	0.0579	93	0.0569	157	-0.1751
44	0.0539	94	0.0549	158	0.3439
45	0.0569	95	0.0559	159	0.1459
46	0.0589	96	0.0569	160	0.0899
47	0.0589	97	0.0569	161	-0.0261
48	0.0589	98	0.0559	162	0.2759
49	0.0569	99	0.0539	163	0.2289
50	0.0559	100	0.0569	164	0.1089
51	0.0559	101	0.0559	165	-0.0071

ORF	CP	ORF	CP	ORF	CP
166	0.2579	217	0.0539	268	-0.0571
167	0.1249	218	0.0539	269	0.1249
168	0.0919	219	0.0519	270	0.2059
169	-0.0321	220	0.0549	271	-0.2501
170	0.1839	221	-0.0121	272	-0.0451
171	0.0059	222	-0.3201	273	0.1659
172	-0.1661	223	-0.4071	274	0.1879
173	-0.0831	224	-0.4031	275	0.2079
174	-0.2221	225	0.2499	276	0.2589
175	-0.3121	226	0.1189	277	0.1219
176	-0.4191	227	-0.9781	278	-1.0091
177	-0.2721	228	-0.8971	279	-0.9441
178	-0.3491	229	-0.7791	280	-0.8791
179	-0.2361	230	-0.5851	281	-0.6861
180	-0.3141	231	-0.3641	282	-0.4971
181	0.1939	232	-0.3071	283	-0.4091
182	0.3979	233	-0.2541	284	-0.3121
183	0.1429	234	-0.1731	285	-0.2011
184	0.3169	235	-0.3441	286	-0.2401
185	0.4449	236	-0.3341	287	-0.0331
186	0.5659	237	-0.3261	288	0.1539
187	0.6289	238	-0.2911	289	0.1709
188	0.7419	239	0.2589	290	0.1449
189	0.8019	240	0.1439	291	-0.7371
190	-0.3661	241	-1.0121	292	-0.0611
191	-0.3371	242	-0.9261	325	0.0479
192	-0.3461	244	-0.6621	326	0.0569
193	-0.3451	245	-0.4361	327	0.0569
194	-0.3341	246	-0.3601	328	0.0569
195	-0.3371	247	-0.2551	329	0.0549
196	-0.3431	248	-0.1421	330	0.0549
197	-0.3401	249	-0.3401	331	0.0579
198	-0.3391	250	-0.2281	332	0.0569
199	-0.3391	251	-0.1691	333	0.0569
200	-0.3411	252	-0.1111	334	0.0549
201	-0.3361	253	0.3119	335	0.0549
202	-0.3371	254	0.1919	336	0.0579
203	-0.3401	255	-0.9941	337	0.0569
204	-0.3371	256	-0.9221	338	0.0579
205	0.2259	257	-0.8571	339	0.0569
206	0.2459	258	-0.7431	340	0.0579
207	0.2599	259	-0.5971	341	0.0559
208	0.2449	260	-0.4011	350	0.0539
210	0.1889	261	-0.2631	351	0.0519
211	0.3049	262	-0.1271	352	0.0529
212	0.3299	263	-0.3511	353	0.0509
213	0.0549	264	-0.0641	354	0.0499
214	0.0539	265	0.1009	355	0.0509
215	0.0549	266	0.1509		
216	0.0569	267	-0.2851		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1947
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 323.
CONFIGURATION NO. = 17.
ANGLE OF MODEL ROLL(DEG) = 0.
MACH NUMBER = 1.054
TUNNEL DYNAMIC PRESSURE(PSF) = 752.
TUNNEL STAGNATION PRESSURE(PSF) = 1954.
TUNNEL STATIC PRESSURE(PSF) = 968.
REYNOLDS NUMBER PER FOOT = 4.0000E 06
MODEL ANGLE OF ATTACK(DEG) = 7.97
FIN ANGLE(DEG) = -0.
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 562.

SCANIVALUE	CP(REF)
147	-0.0732
247	-0.0742
347	-0.0732
447	-0.0722
547	-0.0692
647	-0.0692
747	-0.0692

ORF	CP	ORF	CP	ORF	CP
1	0.0578	52	0.0578	102	0.0548
2	0.0568	53	0.0598	103	0.0588
3	0.0618	54	0.0598	104	0.0578
4	0.0578	55	0.0548	105	0.0588
5	0.0578	56	0.0568	110	-0.0872
6	0.0628	57	0.0588	111	-0.1072
7	0.0608	58	0.0588	112	-0.0652
8	0.0568	59	0.0598	113	-0.1012
9	0.0568	60	0.0628	114	0.0658
10	0.0588	61	0.0618	115	0.0658
11	0.0618	62	0.0588	116	0.0658
12	0.0608	63	0.0598	117	0.0668
13	0.0628	64	0.0608	118	0.0638
14	0.0608	65	0.0618	119	0.0648
15	0.0608	66	0.0568	120	-0.1012
16	0.0578	67	0.0578	121	0.0608
17	0.0588	68	0.0568	122	0.0658
18	0.0568	69	0.0558	123	0.0648
19	0.0578	70	0.0578	124	-0.0432
20	0.0578	71	0.0558	125	-0.0542
21	0.0578	72	0.0558	126	-0.0272
22	0.0558	73	0.0578	127	-0.0362
23	0.0578	74	0.0608	128	-0.0092
24	0.0608	75	0.0598	129	-0.1292
25	0.0598	76	0.0578	135	-0.0192
26	0.0598	77	0.0598	136	-0.0142
27	0.0618	78	0.0598	137	-0.0082
28	0.0618	79	0.0588	138	0.1398
29	0.0588	80	0.0578	139	0.1128
30	0.0568	81	0.0578	140	0.1358
32	0.0628	82	0.0608	141	0.2538
33	0.0608	83	0.0568	142	0.2448
34	0.0578	84	0.0558	143	0.2538
35	0.0588	85	0.0598	145	-0.0112
36	0.0608	86	0.0578	147	0.2418
37	0.0608	87	0.0578	151	-0.0862
38	0.0608	88	0.0618	152	-0.2192
39	0.0588	89	0.0598	153	-0.3042
40	0.0608	90	0.0608	154	-0.3792
41	0.0618	91	0.0588	155	0.0798
42	0.0648	92	0.0588	156	-0.0192
43	0.0568	93	0.0588	157	-0.1902
44	0.0568	94	0.0568	158	0.2998
45	0.0608	95	0.0558	159	0.0838
46	0.0588	96	0.0588	160	0.0398
47	0.0578	97	0.0598	161	-0.0612
48	0.0638	98	0.0588	162	0.2378
49	0.0598	99	0.0588	163	0.1508
50	0.0578	100	0.0618	164	0.1218
51	0.0568	101	0.0538	165	-0.0572

ORF	CP	ORF	CP	ORF	CP
166	0.1888	217	0.0668	268	-0.1092
167	0.0148	218	0.0628	269	0.0928
168	-0.0132	219	0.0618	270	0.1828
169	-0.1042	220	0.0608	271	-0.3272
170	0.0488	221	0.0218	272	-0.1062
171	-0.0882	222	-0.3362	273	0.1218
172	-0.2162	223	-0.4272	274	0.1558
173	-0.1612	224	-0.4232	275	0.1298
174	-0.2532	225	0.2648	276	0.1968
175	-0.3182	226	0.1418	277	0.0638
176	-0.3552	227	-0.9512	278	-1.0102
177	-0.2562	228	-0.8672	279	-0.9502
178	-0.3622	229	-0.7582	280	-0.8912
179	-0.2772	230	-0.5772	281	-0.7182
180	-0.3132	231	-0.4392	282	-0.4882
181	0.1778	232	-0.3742	283	-0.3602
182	0.3178	233	-0.3082	284	-0.3272
183	0.0758	234	-0.1832	285	-0.2442
184	0.2388	235	-0.3562	286	-0.3062
185	0.3178	236	-0.3532	287	-0.1002
186	0.3998	237	-0.3312	288	0.1058
187	0.4338	238	-0.2902	289	0.1218
188	0.4808	239	0.2708	290	0.0938
189	0.5228	240	0.1608	291	-0.6962
190	-0.3522	241	-0.9942	292	0.0288
191	-0.3342	242	-0.9032	325	0.0498
192	-0.3332	244	-0.6672	326	0.0608
193	-0.3362	245	-0.4992	327	0.0588
194	-0.3282	246	-0.4192	328	0.0618
195	-0.3382	247	-0.2862	329	0.0618
196	-0.3352	248	-0.1602	330	0.0608
197	-0.3282	249	-0.3772	331	0.0608
198	-0.3232	250	-0.2482	332	0.0628
199	-0.3242	251	-0.1712	333	0.0638
200	-0.3402	252	-0.1142	334	0.0628
201	-0.3292	253	0.2828	335	0.0608
202	-0.3252	254	0.1438	336	0.0588
203	-0.3252	255	-0.9962	337	0.0608
204	-0.3282	256	-0.9322	338	0.0608
205	0.1898	257	-0.8772	339	0.0628
206	0.1848	258	-0.7632	340	0.0618
207	0.2158	259	-0.6092	341	0.0628
208	0.1028	260	-0.3592	350	0.0668
210	0.1798	261	-0.2852	351	0.0648
211	0.3058	262	-0.1692	352	0.0658
212	0.3458	263	-0.4272	353	0.0668
213	0.0648	264	-0.1152	354	0.0668
214	0.0648	265	0.0598	355	0.0678
215	0.0638	266	0.1128		
216	0.0658	267	-0.3582		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1948

TUNNEL = 11

TEST NO. = 086

TEST PHASE = 2

RUN NUMBER = 323.

CONFIGURATION NO. = 17.

ANGLE OF MODEL ROLL(DEG) = 0.

MACH NUMBER = 1.048

TUNNEL DYNAMIC PRESSURE(PSF) = 749.

TUNNEL STAGNATION PRESSURE(PSF) = 1952.

TUNNEL STATIC PRESSURE(PSF) = 975.

REYNOLDS NUMBER PER FOOT = 3.9990E 06

MODEL ANGLE OF ATTACK(DEG) = 11.91

FIN ANGLE(DEG) = -0.

FREE-STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 561.

SCANIVALUE	CP(REF)
147	-0.0817
247	-0.0827
347	-0.0817
447	-0.0817
547	-0.0847
647	-0.0847
747	-0.0857

ORF	CP	ORF	CP	ORF	CP
1	0.0543	52	0.0423	102	0.0383
2	0.0493	53	0.0413	103	0.0393
3	0.0513	54	0.0423	104	0.0393
4	0.0493	55	0.0393	105	0.0393
5	0.0483	56	0.0383	110	-0.0437
6	0.0453	57	0.0403	111	-0.0737
7	0.0463	58	0.0393	112	-0.0377
8	0.0463	59	0.0403	113	-0.1017
9	0.0443	60	0.0413	114	0.0323
10	0.0423	61	0.0413	115	0.0323
11	0.0413	62	0.0423	116	0.0333
12	0.0423	63	0.0433	117	0.0323
13	0.0403	64	0.0413	118	0.0313
14	0.0413	65	0.0403	119	0.0333
15	0.0433	66	0.0363	120	-0.1317
16	0.0413	67	0.0373	121	0.0273
17	0.0383	68	0.0403	122	0.0303
18	0.0413	69	0.0393	123	0.0303
19	0.0413	70	0.0373	124	-0.0677
20	0.0363	71	0.0403	125	-0.0767
21	0.0353	72	0.0373	126	-0.0347
22	0.0403	73	0.0393	127	-0.0567
23	0.0393	74	0.0383	128	-0.0587
24	0.0413	75	0.0393	129	-0.1587
25	0.0393	76	0.0363	135	-0.0597
26	0.0403	77	0.0383	136	-0.0637
27	0.0413	78	0.0403	137	-0.0597
28	0.0423	79	0.0423	138	0.1043
29	0.0443	80	0.0393	139	0.0933
30	0.0383	81	0.0393	140	0.1113
32	0.0413	82	0.0373	141	0.2363
33	0.0383	83	0.0523	142	0.2253
34	0.0393	84	0.0483	143	0.2013
35	0.0403	85	0.0513	145	-0.0637
36	0.0443	86	0.0493	147	0.2213
37	0.0423	87	0.0493	151	-0.0347
38	0.0393	88	0.0463	152	-0.1987
39	0.0383	89	0.0453	153	-0.2697
40	0.0403	90	0.0393	154	-0.3117
41	0.0393	91	0.0413	155	-0.0987
42	0.0393	92	0.0403	156	-0.0727
43	0.0523	93	0.0413	157	-0.1827
44	0.0493	94	0.0443	158	0.1883
45	0.0523	95	0.0443	159	0.0323
46	0.0493	96	0.0403	160	-0.0317
47	0.0483	97	0.0413	161	-0.1177
48	0.0453	98	0.0433	162	0.1703
49	0.0453	99	0.0423	163	0.0663
50	0.0453	100	0.0403	164	0.0893
51	0.0443	101	0.0383	165	-0.1387

ORF	CP	ORF	CP	ORF	CP
166	0.1153	217	0.0313	268	-0.1757
167	-0.0607	218	0.0293	269	0.0163
168	-0.0897	219	0.0283	270	0.0923
169	-0.1747	220	0.0323	271	-0.4427
170	0.0053	221	0.0033	272	-0.1767
171	-0.1227	222	-0.3537	273	0.0383
172	-0.2307	223	-0.4777	274	0.0883
173	-0.1677	224	-0.4727	275	0.0253
174	-0.2357	225	0.2183	276	0.0973
175	-0.3137	226	0.1233	277	-0.0297
176	-0.3497	227	-0.9017	278	-1.0327
177	-0.2467	228	-0.7987	279	-0.9717
178	-0.2667	229	-0.6677	280	-0.8937
179	-0.2327	230	-0.5267	281	-0.7177
180	-0.3207	231	-0.4657	282	-0.5437
181	0.2053	232	-0.4447	283	-0.4177
182	0.3243	233	-0.4487	284	-0.3647
183	0.0563	234	-0.2107	285	-0.3037
184	0.2043	235	-0.3387	286	-0.3987
185	0.3023	236	-0.4017	287	-0.1677
186	0.3813	237	-0.3927	288	0.0233
187	0.4023	238	-0.3117	289	0.0503
188	0.4513	239	0.2903	290	0.0363
189	0.4923	240	0.2153	291	-0.7237
190	-0.3537	241	-0.9627	292	0.0693
191	-0.3557	242	-0.8607	325	0.0303
192	-0.3357	244	-0.7007	326	0.0393
193	-0.3437	245	-0.6367	327	0.0393
194	-0.3437	246	-0.5737	328	0.0353
195	-0.3567	247	-0.3667	329	0.0353
196	-0.3517	248	-0.1757	330	0.0343
197	-0.3427	249	-0.4127	331	0.0383
198	-0.3447	250	-0.4167	332	0.0373
199	-0.3407	251	-0.1997	333	0.0363
200	-0.3537	252	-0.1147	334	0.0363
201	-0.3447	253	0.2323	335	0.0333
202	-0.3387	254	0.0903	336	0.0373
203	-0.3407	255	-1.0267	337	0.0403
204	-0.3477	256	-0.9717	338	0.0393
205	0.1253	257	-0.9287	339	0.0373
206	0.1313	258	-0.8487	340	0.0363
207	0.0893	259	-0.7217	341	0.0353
208	-0.1317	260	-0.5147	350	0.0343
210	0.1053	261	-0.2977	351	0.0333
211	0.2373	262	-0.2187	352	0.0323
212	0.2713	263	-0.5627	353	0.0323
213	0.0313	264	-0.1877	354	0.0303
214	0.0323	265	-0.0027	355	0.0323
215	0.0293	266	0.0423		
216	0.0323	267	-0.4987		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1949
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 322.
CONFIGURATION NO. = 17.
ANGLE OF MODEL ROLL(DEG) = 0.
MACH NUMBER = 1.197
TUNNEL DYNAMIC PRESSURE(PSF) = 794.
TUNNEL STAGNATION PRESSURE(PSF) = 1913.
TUNNEL STATIC PRESSURE(PSF) = 792.
REYNOLDS NUMBER PER FOOT = 3.9850E 06
MODEL ANGLE OF ATTACK(DEG) = -12.09
FIN ANGLE(DEG) = -0.
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 560.

SCANIVALUE	CP(REF)
147	0.1555
247	0.1545
347	0.1545
447	0.1545
547	0.1515
647	0.1515
747	0.1515

ORF	CP	ORF	CP	ORF	CP
1	0.0695	52	0.0675	102	0.0685
2	0.0665	53	0.0695	103	0.0695
3	0.0655	54	0.0695	104	0.0705
4	0.0655	55	0.0695	105	0.0705
5	0.0655	56	0.0685	110	-0.1125
6	0.0685	57	0.0685	111	-0.1245
7	0.0685	58	0.0705	112	-0.0855
8	0.0675	59	0.0705	113	-0.1195
9	0.0685	60	0.0685	114	0.0625
10	0.0675	61	0.0655	115	0.0635
11	0.0705	62	0.0655	116	0.0665
12	0.0705	63	0.0685	117	0.0625
13	0.0715	64	0.0665	118	0.0645
14	0.0695	65	0.0695	119	0.0665
15	0.0695	66	0.0695	120	-0.1585
16	0.0695	67	0.0695	121	0.0485
17	0.0705	68	0.0685	122	0.0645
18	0.0705	69	0.0685	123	0.0625
19	0.0695	70	0.0675	124	-0.0995
20	0.0695	71	0.0685	125	-0.1155
21	0.0705	72	0.0675	126	-0.0845
22	0.0705	73	0.0695	127	-0.1025
23	0.0715	74	0.0675	128	-0.0855
24	0.0705	75	0.0665	129	-0.1905
25	0.0715	76	0.0655	135	-0.0895
26	0.0705	77	0.0675	136	-0.0965
27	0.0705	78	0.0675	137	-0.0905
28	0.0675	79	0.0685	138	0.0635
29	0.0675	80	0.0695	139	0.0595
30	0.0695	81	0.0705	140	0.0555
32	0.0685	82	0.0675	141	0.2575
33	0.0705	83	0.0685	142	0.2195
34	0.0715	84	0.0655	143	0.2245
35	0.0715	85	0.0655	145	-0.0955
36	0.0705	86	0.0655	147	0.2165
37	0.0685	87	0.0655	151	0.2525
38	0.0695	88	0.0675	152	0.1555
39	0.0675	89	0.0675	153	-0.0875
40	0.0675	90	0.0685	154	-0.1745
41	0.0685	91	0.0695	155	0.6285
42	0.0685	92	0.0705	156	0.4165
43	0.0675	93	0.0685	157	0.2365
44	0.0645	94	0.0675	158	0.6945
45	0.0645	95	0.0665	159	0.5705
46	0.0655	96	0.0665	160	0.5235
47	0.0655	97	0.0655	161	0.3945
48	0.0675	98	0.0685	162	0.6795
49	0.0675	99	0.0665	163	0.6655
50	0.0665	100	0.0685	164	0.0605
51	0.0675	101	0.0685	165	0.3915

ORF	CP	ORF	CP	ORF	CP
166	0.6765	217	0.0645	268	0.2165
167	0.5305	218	0.0655	269	0.4105
168	0.4705	219	0.0645	270	0.5395
169	0.3045	220	0.0655	271	0.0565
170	0.5445	221	0.1745	272	0.2555
171	0.3375	222	-0.1065	273	0.5135
172	0.1005	223	-0.3095	274	0.5435
173	0.2805	224	-0.3215	275	0.5995
174	0.1225	225	0.5125	276	0.6055
175	-0.0605	226	0.3945	277	0.4915
176	-0.3505	227	-0.5405	278	-0.6815
177	0.0615	228	-0.4255	279	-0.6245
178	0.0445	229	-0.2805	280	-0.5705
179	0.2035	230	-0.0805	281	-0.4135
180	-0.3815	231	0.0235	282	-0.3155
181	0.3365	232	0.0445	283	-0.2215
182	0.6235	233	0.0485	284	-0.1205
183	0.5765	234	0.1185	285	0.0745
184	0.8425	235	-0.0595	286	0.0755
185	1.0565	236	-0.1225	287	0.2885
186	1.2505	237	-0.1675	288	0.5165
187	1.3335	238	-0.1165	289	0.5445
188	1.3745	239	0.5465	290	0.4335
189	1.3745	240	0.4615	291	-0.4965
190	-0.3545	241	-0.6385	292	-0.1475
191	-0.3225	242	-0.5215	325	0.0555
192	-0.3505	244	-0.1835	326	0.0675
193	-0.3495	245	-0.0685	327	0.0685
194	-0.3555	246	-0.0255	328	0.0685
195	-0.3235	247	0.0035	329	0.0685
196	-0.3725	248	0.1305	330	0.0685
197	-0.3545	249	-0.0685	331	0.0665
198	-0.3615	250	-0.0285	332	0.0675
199	-0.3625	251	0.1115	333	0.0675
200	-0.3325	252	0.1765	334	0.0675
201	-0.3435	253	0.5435	335	0.0675
202	-0.3525	254	0.4485	336	0.0685
203	-0.3495	255	-0.6625	337	0.0675
204	-0.3435	256	-0.5645	338	0.0675
205	0.4055	257	-0.4645	339	0.0675
206	0.4675	258	-0.3055	340	0.0685
207	0.5365	259	-0.1895	341	0.0685
208	0.5805	260	-0.1295	350	0.0655
210	0.3785	261	-0.0525	351	0.0635
211	0.5335	262	0.1215	352	0.0635
212	0.5855	263	-0.0615	353	0.0615
213	0.0645	264	0.1785	354	0.0645
214	0.0665	265	0.4075	355	0.0645
215	0.0665	266	0.4265		
216	0.0645	267	0.0145		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1950

TUNNEL = 11

TEST NO. = 086

TEST PHASE = 2

RUN NUMBER = 322.

CONFIGURATION NO. = 17.

ANGLE OF MODEL ROLL(DEG) = 0.

MACH NUMBER = 1.199

TUNNEL DYNAMIC PRESSURE(PSF) = 795.

TUNNEL STAGNATION PRESSURE(PSF) = 1913.

TUNNEL STATIC PRESSURE(PSF) = 789.

REYNOLDS NUMBER PER FOOT = 3.9900E 06

MODEL ANGLE OF ATTACK(DEG) = -8.13

FIN ANGLE(DEG) = -0.

FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 560.

SCANIVALUE	CP(REF)
147	0.1605
247	0.1585
347	0.1595
447	0.1595
547	0.1565
647	0.1555
747	0.1555

ORF	CP	ORF	CP	ORF	CP
1	0.0925	52	0.0925	102	0.0925
2	0.0935	53	0.0935	103	0.0935
3	0.0895	54	0.0935	104	0.0915
4	0.0905	55	0.0945	105	0.0905
5	0.0915	56	0.0935	110	-0.0945
6	0.0915	57	0.0945	111	-0.1155
7	0.0925	58	0.0925	112	-0.0585
8	0.0925	59	0.0905	113	-0.0925
9	0.0915	60	0.0905	114	0.0885
10	0.0935	61	0.0915	115	0.0885
11	0.0945	62	0.0915	116	0.0885
12	0.0945	63	0.0925	117	0.0875
13	0.0935	64	0.0895	118	0.0865
14	0.0905	65	0.0935	119	0.0875
15	0.0935	66	0.0925	120	-0.1565
16	0.0945	67	0.0915	121	0.0785
17	0.0945	68	0.0935	122	0.0875
18	0.0925	69	0.0915	123	0.0875
19	0.0945	70	0.0935	124	-0.0695
20	0.0925	71	0.0935	125	-0.0915
21	0.0935	72	0.0925	126	-0.0555
22	0.0955	73	0.0925	127	-0.0705
23	0.0945	74	0.0935	128	-0.0495
24	0.0955	75	0.0935	129	-0.1775
25	0.0935	76	0.0925	135	-0.0505
26	0.0915	77	0.0935	136	-0.0505
27	0.0905	78	0.0935	137	-0.0465
28	0.0935	79	0.0935	138	0.0445
29	0.0945	80	0.0935	139	0.0365
30	0.0945	81	0.0915	140	0.0365
32	0.0945	82	0.0915	141	0.2295
33	0.0935	83	0.0915	142	0.2245
34	0.0925	84	0.0925	143	0.1895
35	0.0945	85	0.0895	145	-0.0515
36	0.0955	86	0.0895	147	0.2295
37	0.0945	87	0.0915	151	0.2085
38	0.0965	88	0.0915	152	0.1045
39	0.0935	89	0.0925	153	-0.1625
40	0.0945	90	0.0925	154	-0.2585
41	0.0945	91	0.0935	155	0.5795
42	0.0945	92	0.0935	156	0.3515
43	0.0915	93	0.0925	157	0.1705
44	0.0925	94	0.0915	158	0.6345
45	0.0895	95	0.0915	159	0.5215
46	0.0895	96	0.0895	160	0.4765
47	0.0915	97	0.0915	161	0.3505
48	0.0915	98	0.0925	162	0.6275
49	0.0925	99	0.0915	163	0.6315
50	0.0925	100	0.0895	164	0.0345
51	0.0905	101	0.0935	165	0.3645

ORF	CP	ORF	CP	ORF	CP
166	0.6065	217	0.0905	268	0.2175
167	0.5005	218	0.0905	269	0.3905
168	0.4475	219	0.0885	270	0.4925
169	0.2915	220	0.0895	271	0.0505
170	0.5055	221	0.1535	272	0.2555
171	0.3095	222	-0.1055	273	0.4675
172	0.0865	223	-0.3155	274	0.4885
173	0.2305	224	-0.3325	275	0.5495
174	0.0155	225	0.4235	276	0.5355
175	-0.0715	226	0.3195	277	0.4245
176	-0.3515	227	-0.4235	278	-0.6945
177	0.0115	228	-0.3465	279	-0.6425
178	-0.0295	229	-0.2215	280	-0.5925
179	0.1215	230	-0.0655	281	-0.4405
180	-0.3745	231	-0.0015	282	-0.3375
181	0.2895	232	0.0075	283	-0.2585
182	0.5835	233	0.0065	284	-0.1125
183	0.4845	234	0.0575	285	0.0745
184	0.7335	235	-0.0725	286	0.0865
185	0.9225	236	-0.1115	287	0.2765
186	1.1495	237	-0.1795	288	0.4655
187	1.2645	238	-0.1455	289	0.4785
188	1.3485	239	0.4645	290	0.4045
189	1.3695	240	0.3945	291	-0.5385
190	-0.3685	241	-0.6415	292	-0.0645
191	-0.3625	242	-0.5275	325	0.0815
192	-0.3635	244	-0.2035	326	0.0935
193	-0.3675	245	-0.0975	327	0.0925
194	-0.3705	246	-0.0635	328	0.0955
195	-0.3565	247	-0.0525	329	0.0965
196	-0.3695	248	0.0905	330	0.0955
197	-0.3655	249	-0.0665	331	0.0925
198	-0.3695	250	-0.0055	332	0.0925
199	-0.3715	251	0.0835	333	0.0935
200	-0.3595	252	0.1475	334	0.0965
201	-0.3575	253	0.5065	335	0.0945
202	-0.3605	254	0.4155	336	0.0955
203	-0.3605	255	-0.6795	337	0.0945
204	-0.3555	256	-0.5945	338	0.0935
205	0.3355	257	-0.5125	339	0.0925
206	0.3325	258	-0.3615	340	0.0955
207	0.4525	259	-0.2465	341	0.0975
208	0.4805	260	-0.1655	350	0.0875
210	0.3135	261	-0.0795	351	0.0865
211	0.4395	262	0.1005	352	0.0855
212	0.4705	263	-0.0465	353	0.0875
213	0.0895	264	0.1865	354	0.0885
214	0.0895	265	0.3905	355	0.0865
215	0.0915	266	0.3965		
216	0.0915	267	0.0195		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1951
 TUNNEL = 11
 TEST NO. = 086
 TEST PHASE = 2
 RUN NUMBER = 322.
 CONFIGURATION NO. = 17.
 ANGLE OF MODEL ROLL(DEG) = 0.
 MACH NUMBER = 1.204
 TUNNEL DYNAMIC PRESSURE(PSF) = 796.
 TUNNEL STAGNATION PRESSURE(PSF) = 1911.
 TUNNEL STATIC PRESSURE(PSF) = 784.
 REYNOLDS NUMBER PER FOOT = 3.9870E 06
 MODEL ANGLE OF ATTACK(DEG) = -3.97
 FIN ANGLE(DEG) = -0.
 FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 560.

SCANIVALUE	CP(REF)
147	0.1671
247	0.1651
347	0.1661
447	0.1661
547	0.1651
647	0.1651
747	0.1651

ORF	CP	ORF	CP	ORF	CP
1	0.1041	52	0.1071	102	0.1091
2	0.1051	53	0.1071	103	0.1061
3	0.1041	54	0.1071	104	0.1051
4	0.1041	55	0.1091	105	0.1051
5	0.1041	56	0.1091	110	-0.1159
6	0.1061	57	0.1061	111	-0.1399
7	0.1041	58	0.1041	112	-0.0909
8	0.1061	59	0.1051	113	-0.1009
9	0.1081	60	0.1061	114	0.1081
10	0.1081	61	0.1081	115	0.1091
11	0.1091	62	0.1061	116	0.1091
12	0.1081	63	0.1061	117	0.1091
13	0.1061	64	0.1071	118	0.1101
14	0.1081	65	0.1061	119	0.1091
15	0.1071	66	0.1081	120	-0.1429
16	0.1081	67	0.1071	121	0.0921
17	0.1081	68	0.1071	122	0.1071
18	0.1101	69	0.1071	123	0.1071
19	0.1091	70	0.1061	124	-0.0519
20	0.1081	71	0.1071	125	-0.0629
21	0.1091	72	0.1081	126	-0.0259
22	0.1101	73	0.1081	127	-0.0469
23	0.1101	74	0.1081	128	-0.0179
24	0.1081	75	0.1111	129	-0.1559
25	0.1051	76	0.1101	135	-0.0209
26	0.1061	77	0.1101	136	-0.0259
27	0.1081	78	0.1101	137	-0.0159
28	0.1101	79	0.1111	138	0.0461
29	0.1081	80	0.1101	139	0.0301
30	0.1081	81	0.1101	140	0.0421
32	0.1101	82	0.1111	141	0.2281
33	0.1131	83	0.1031	142	0.2201
34	0.1111	84	0.1041	143	0.2111
35	0.1111	85	0.1031	145	-0.0329
36	0.1121	86	0.1051	147	0.2121
37	0.1121	87	0.1041	151	0.1301
38	0.1121	88	0.1051	152	0.0281
39	0.1121	89	0.1031	153	-0.2129
40	0.1121	90	0.1061	154	-0.3339
41	0.1101	91	0.1061	155	0.4291
42	0.1101	92	0.1071	156	0.2071
43	0.1021	93	0.1071	157	0.0441
44	0.1041	94	0.1071	158	0.4801
45	0.1041	95	0.1051	159	0.4061
46	0.1041	96	0.1081	160	0.3491
47	0.1041	97	0.1081	161	0.2261
48	0.1051	98	0.1071	162	0.5391
49	0.1031	99	0.1061	163	0.5311
50	0.1061	100	0.1061	164	0.0271
51	0.1071	101	0.1091	165	0.2811

ORF	CP	ORF	CP	ORF	CP
166	0.5831	217	0.1061	268	0.1911
167	0.4541	218	0.1041	269	0.2691
168	0.4061	219	0.1061	270	0.3881
169	0.2571	220	0.1071	271	0.0591
170	0.5811	221	0.1741	272	0.2231
171	0.3171	222	-0.1029	273	0.3751
172	0.0821	223	-0.3269	274	0.4091
173	0.2331	224	-0.3349	275	0.4991
174	0.1411	225	0.3691	276	0.4591
175	-0.1359	226	0.2921	277	0.3391
176	-0.3459	227	-0.5159	278	-0.7119
177	-0.0739	228	-0.4869	279	-0.6789
178	0.0401	229	-0.3359	280	-0.6359
179	0.1561	230	-0.1529	281	-0.4689
180	-0.3639	231	-0.0439	282	-0.3119
181	0.1531	232	-0.0409	283	-0.2269
182	0.3981	233	-0.0249	284	-0.0979
183	0.5081	234	0.0511	285	0.0371
184	0.7441	235	-0.0829	286	0.0671
185	0.9111	236	-0.1079	287	0.2281
186	1.0231	237	-0.1799	288	0.3931
187	1.1131	238	-0.1509	289	0.4281
188	1.2291	239	0.4071	290	0.2981
189	1.2801	240	0.3381	291	-0.5129
190	-0.3639	241	-0.6679	292	-0.0099
191	-0.3689	242	-0.5569	325	0.0991
192	-0.3619	244	-0.2469	326	0.1101
193	-0.3619	245	-0.2749	327	0.1081
194	-0.3689	246	-0.2249	328	0.1071
195	-0.3639	247	-0.0569	329	0.1071
196	-0.3639	248	0.0831	330	0.1071
197	-0.3639	249	-0.0749	331	0.1091
198	-0.3679	250	-0.0009	332	0.1081
199	-0.3669	251	0.0411	333	0.1071
200	-0.3589	252	0.0861	334	0.1071
201	-0.3539	253	0.4221	335	0.1071
202	-0.3559	254	0.3161	336	0.1131
203	-0.3609	255	-0.7149	337	0.1121
204	-0.3569	256	-0.6499	338	0.1091
205	0.3011	257	-0.5919	339	0.1081
206	0.3311	258	-0.3979	340	0.1071
207	0.3911	259	-0.2269	341	0.1081
208	0.3871	260	-0.2249	350	0.1081
210	0.2461	261	-0.2029	351	0.1081
211	0.3561	262	0.0561	352	0.1081
212	0.4481	263	-0.0109	353	0.1091
213	0.1061	264	0.1761	354	0.1111
214	0.1081	265	0.2851	355	0.1091
215	0.1081	266	0.2641		
216	0.1081	267	0.0311		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1952

TUNNEL = 11

TEST NO. = 086

TEST PHASE = 2

RUN NUMBER = 322.

CONFIGURATION NO. = 17.

ANGLE OF MODEL ROLL(DEG) = 0.

MACH NUMBER = 1.200

TUNNEL DYNAMIC PRESSURE(PSF) = 797.

TUNNEL STAGNATION PRESSURE(PSF) = 1917.

TUNNEL STATIC PRESSURE(PSF) = 790.

REYNOLDS NUMBER PER FOOT = 4.0000E 06

MODEL ANGLE OF ATTACK(DEG) = 0.13

FIN ANGLE(DEG) = -0.

FREE^oSTREAM TOTAL TEMPERATURE(DEG. RANKINE) = 560.

SCANIVALUE	CP(REF)
147	0.1588
247	0.1578
347	0.1588
447	0.1588
547	0.1568
647	0.1568
747	0.1578

ORF	CP	ORF	CP	ORF	CP
1	0.1038	52	0.0928	102	0.0958
2	0.0998	53	0.0948	103	0.0938
3	0.0998	54	0.0948	104	0.0928
4	0.0958	55	0.0948	105	0.0918
5	0.0948	56	0.0958	110	-0.1232
6	0.0958	57	0.0938	111	-0.1282
7	0.0958	58	0.0918	112	-0.1002
8	0.0958	59	0.0928	113	-0.1182
9	0.0908	60	0.0948	114	0.0938
10	0.0928	61	0.0948	115	0.0958
11	0.0958	62	0.0928	116	0.0978
12	0.0958	63	0.0938	117	0.0988
13	0.0938	64	0.0928	118	0.0988
14	0.0938	65	0.0938	119	0.0998
15	0.0948	66	0.0928	120	-0.1482
16	0.0918	67	0.0948	121	0.0818
17	0.0938	68	0.0948	122	0.0958
18	0.0948	69	0.0918	123	0.0958
19	0.0968	70	0.0928	124	-0.0672
20	0.0948	71	0.0908	125	-0.0822
21	0.0938	72	0.0928	126	-0.0462
22	0.0968	73	0.0898	127	-0.0662
23	0.0968	74	0.0928	128	-0.0242
24	0.0948	75	0.0908	129	-0.1632
25	0.0938	76	0.0888	135	-0.0352
26	0.0928	77	0.0888	136	-0.0412
27	0.0948	78	0.0918	137	-0.0282
28	0.0958	79	0.0928	138	0.0288
29	0.0948	80	0.0918	139	0.0208
30	0.0928	81	0.0948	140	0.0368
32	0.0948	82	0.0948	141	0.1958
33	0.0958	83	0.1018	142	0.1938
34	0.0958	84	0.0988	143	0.2068
35	0.0938	85	0.0988	145	-0.0382
36	0.0948	86	0.0948	147	0.1858
37	0.0938	87	0.0938	151	0.0598
38	0.0908	88	0.0958	152	-0.0592
39	0.0908	89	0.0948	153	-0.2592
40	0.0908	90	0.0938	154	-0.3992
41	0.0928	91	0.0938	155	0.4128
42	0.0938	92	0.0948	156	0.1478
43	0.1018	93	0.0938	157	-0.0062
44	0.0988	94	0.0908	158	0.4968
45	0.0998	95	0.0948	159	0.3568
46	0.0948	96	0.0928	160	0.3098
47	0.0938	97	0.0938	161	0.2098
48	0.0958	98	0.0948	162	0.5128
49	0.0958	99	0.0928	163	0.5228
50	0.0948	100	0.0948	164	0.0158
51	0.0908	101	0.0948	165	0.2548

ORF	CP	ORF	CP	ORF	CP
166	0.5128	217	0.0968	268	0.1228
167	0.3748	218	0.0948	269	0.2148
168	0.3388	219	0.0948	270	0.3408
169	0.2128	220	0.0958	271	-0.0492
170	0.3978	221	0.1638	272	0.1428
171	0.1948	222	-0.1402	273	0.3438
172	0.0048	223	-0.3402	274	0.3838
173	0.0858	224	-0.3502	275	0.3218
174	-0.1142	225	0.2988	276	0.4128
175	-0.1692	226	0.2478	277	0.3088
176	-0.4012	227	-0.6362	278	-0.7182
177	-0.1772	228	-0.5722	279	-0.6832
178	-0.0642	229	-0.4522	280	-0.6422
179	0.0508	230	-0.2962	281	-0.5272
180	-0.3762	231	-0.1432	282	-0.4212
181	0.1318	232	-0.0852	283	-0.2812
182	0.4308	233	-0.0622	284	-0.0922
183	0.3298	234	0.0058	285	0.0028
184	0.5718	235	-0.1452	286	-0.0312
185	0.7218	236	-0.1352	287	0.1588
186	0.8178	237	-0.2052	288	0.3528
187	0.8498	238	-0.1892	289	0.3638
188	0.8978	239	0.3058	290	0.2368
189	0.9448	240	0.2268	291	-0.4582
190	-0.3772	241	-0.7042	292	0.0268
191	-0.3832	242	-0.6192	325	0.0778
192	-0.3762	244	-0.2642	326	0.0918
193	-0.3792	245	-0.2032	327	0.0948
194	-0.3822	246	-0.1472	328	0.0938
195	-0.3782	247	-0.0942	329	0.0938
196	-0.3762	248	0.0118	330	0.0948
197	-0.3822	249	-0.1042	331	0.0908
198	-0.3802	250	-0.0382	332	0.0918
199	-0.3792	251	-0.0212	333	0.0938
200	-0.3762	252	0.0118	334	0.0938
201	-0.3762	253	0.3228	335	0.0948
202	-0.3752	254	0.2168	336	0.0908
203	-0.3772	255	-0.7422	337	0.0908
204	-0.3772	256	-0.6862	338	0.0928
205	0.2278	257	-0.6392	339	0.0928
206	0.2308	258	-0.5152	340	0.0948
207	0.2798	259	-0.2562	341	0.0948
208	0.2428	260	-0.1972	350	0.0998
210	0.1768	261	-0.0962	351	0.0968
211	0.2958	262	0.0348	352	0.0968
212	0.3338	263	-0.0842	353	0.0988
213	0.0898	264	0.1088	354	0.0998
214	0.0938	265	0.2358	355	0.0978
215	0.0928	266	0.2178		
216	0.0948	267	-0.0722		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1953
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 322.
CONFIGURATION NO. = 17.
ANGLE OF MODEL ROLL(DEG) = 0.
MACH NUMBER = 1.201
TUNNEL DYNAMIC PRESSURE(PSF) = 797.
TUNNEL STAGNATION PRESSURE(PSF) = 1916.
TUNNEL STATIC PRESSURE(PSF) = 789.
REYNOLDS NUMBER PER FOOT = 3.9940E 06
MODEL ANGLE OF ATTACK(DEG) = 3.96
FIN ANGLE(DEG) = -0.
FREE-STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 560.

SCANIVALUE	CP(REF)
147	0.1620
247	0.1610
347	0.1610
447	0.1610
547	0.1610
647	0.1610
747	0.1610

ORF	CP	ORF	CP	ORF	CP
1	0.1020	52	0.1050	102	0.1060
2	0.1040	53	0.1010	103	0.1040
3	0.1020	54	0.1030	104	0.1030
4	0.1020	55	0.1030	105	0.1040
5	0.1040	56	0.1050	110	-0.0980
6	0.1040	57	0.1040	111	-0.0960
7	0.1050	58	0.1040	112	-0.0810
8	0.1040	59	0.1040	113	-0.1050
9	0.1040	60	0.1030	114	0.1040
10	0.1050	61	0.1020	115	0.1030
11	0.1030	62	0.1030	116	0.1020
12	0.1040	63	0.1020	117	0.1000
13	0.1040	64	0.1030	118	0.1020
14	0.1040	65	0.1030	119	0.1030
15	0.1020	66	0.1040	120	-0.1380
16	0.1050	67	0.1030	121	0.0930
17	0.1010	68	0.1000	122	0.1030
18	0.1020	69	0.1010	123	0.1040
19	0.1000	70	0.0980	124	-0.0640
20	0.1030	71	0.1030	125	-0.0810
21	0.1050	72	0.1030	126	-0.0520
22	0.1060	73	0.1030	127	-0.0670
23	0.1070	74	0.1030	128	-0.0300
24	0.1040	75	0.1050	129	-0.1520
25	0.1050	76	0.1030	135	-0.0350
26	0.1050	77	0.1010	136	-0.0340
27	0.1040	78	0.1010	137	-0.0290
28	0.1040	79	0.1030	138	0.0510
29	0.1040	80	0.1030	139	0.0430
30	0.1040	81	0.1040	140	0.0530
32	0.1040	82	0.1040	141	0.2080
33	0.1060	83	0.1020	142	0.2010
34	0.1060	84	0.1020	143	0.2120
35	0.1040	85	0.1020	145	-0.0370
36	0.1040	86	0.1010	147	0.2010
37	0.1020	87	0.1020	151	0.0510
38	0.1030	88	0.1040	152	-0.0590
39	0.1050	89	0.1040	153	-0.2630
40	0.1080	90	0.1030	154	-0.4050
41	0.1060	91	0.1030	155	0.3740
42	0.1070	92	0.1010	156	0.1420
43	0.1020	93	0.1050	157	-0.0300
44	0.1030	94	0.1030	158	0.4130
45	0.1020	95	0.1040	159	0.2750
46	0.1020	96	0.1030	160	0.2210
47	0.1020	97	0.1020	161	0.1180
48	0.1040	98	0.1010	162	0.3550
49	0.1040	99	0.1040	163	0.3410
50	0.1040	100	0.1020	164	0.0480
51	0.1030	101	0.1020	165	0.1300

ORF	CP	ORF	CP	ORF	CP
166	0.3250	217	0.1010	268	0.0390
167	0.2460	218	0.1020	269	0.2190
168	0.2120	219	0.1040	270	0.2790
169	0.0880	220	0.1010	271	-0.1440
170	0.2630	221	0.1620	272	0.0550
171	0.1030	222	-0.1960	273	0.2460
172	-0.0700	223	-0.3400	274	0.2580
173	-0.0030	224	-0.3480	275	0.2740
174	-0.1750	225	0.2750	276	0.3440
175	-0.2380	226	0.1990	277	0.2240
176	-0.4310	227	-0.6860	278	-0.7450
177	-0.1160	228	-0.6180	279	-0.7060
178	-0.1860	229	-0.5090	280	-0.6740
179	-0.0750	230	-0.3190	281	-0.5330
180	-0.3520	231	-0.1590	282	-0.3510
181	0.2650	232	-0.1470	283	-0.2480
182	0.4770	233	-0.1320	284	-0.1820
183	0.2020	234	-0.0590	285	-0.0880
184	0.3680	235	-0.2010	286	-0.1320
185	0.4910	236	-0.2100	287	0.0670
186	0.6270	237	-0.2380	288	0.2330
187	0.6860	238	-0.2210	289	0.2380
188	0.7850	239	0.2890	290	0.2350
189	0.8640	240	0.2090	291	-0.3980
190	-0.3670	241	-0.7280	292	0.0720
191	-0.3790	242	-0.6470	325	0.0930
192	-0.3680	244	-0.4040	326	0.1050
193	-0.3690	245	-0.2660	327	0.1040
194	-0.3690	246	-0.2270	328	0.1040
195	-0.3690	247	-0.1310	329	0.1000
196	-0.3680	248	-0.0180	330	0.1010
197	-0.3680	249	-0.2020	331	0.1040
198	-0.3680	250	-0.1190	332	0.1050
199	-0.3670	251	-0.0530	333	0.1040
200	-0.3690	252	0.0050	334	0.1010
201	-0.3650	253	0.3800	335	0.0990
202	-0.3620	254	0.2900	336	0.1050
203	-0.3630	255	-0.7160	337	0.1060
204	-0.3660	256	-0.6560	338	0.1050
205	0.2280	257	-0.6070	339	0.1060
206	0.2250	258	-0.5240	340	0.1040
207	0.2730	259	-0.4260	341	0.1000
208	0.2530	260	-0.3030	350	0.1030
210	0.1850	261	-0.1420	351	0.0980
211	0.2740	262	-0.0180	352	0.0990
212	0.3010	263	-0.2270	353	0.1010
213	0.1010	264	0.0360	354	0.1020
214	0.1000	265	0.1920	355	0.1010
215	0.1030	266	0.2340		
216	0.1010	267	-0.1640		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1954

TUNNEL = 11

TEST NO. = 086

TEST PHASE = 2

RUN NUMBER = 322.

CONFIGURATION NO. = 17.

ANGLE OF MODEL ROLL(DEG) = 0.

MACH NUMBER = 1.196

TUNNEL DYNAMIC PRESSURE(PSF) = 795.

TUNNEL STAGNATION PRESSURE(PSF) = 1916.

TUNNEL STATIC PRESSURE(PSF) = 794.

REYNOLDS NUMBER PER FOOT = 3.9920E 06

MODEL ANGLE OF ATTACK(DEG) = 7.95

FIN ANGLE(DEG) = -0.

FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 560.

SCANIVALUE	CP(REF)
147	0.1553
247	0.1533
347	0.1543
447	0.1553
547	0.1503
647	0.1503
747	0.1513

ORF	CP	ORF	CP	ORF	CP
1	0.1003	52	0.0923	102	0.0913
2	0.0993	53	0.0913	103	0.0913
3	0.0973	54	0.0933	104	0.0903
4	0.0973	55	0.0933	105	0.0913
5	0.0963	56	0.0903	110	-0.0717
6	0.0963	57	0.0913	111	-0.0697
7	0.0943	58	0.0913	112	-0.0617
8	0.0943	59	0.0913	113	-0.0977
9	0.0913	60	0.0913	114	0.0873
10	0.0933	61	0.0903	115	0.0903
11	0.0923	62	0.0893	116	0.0863
12	0.0933	63	0.0933	117	0.0873
13	0.0953	64	0.0893	118	0.0873
14	0.0913	65	0.0933	119	0.0893
15	0.0923	66	0.0923	120	-0.1307
16	0.0973	67	0.0933	121	0.0733
17	0.0953	68	0.0933	122	0.0853
18	0.0923	69	0.0903	123	0.0873
19	0.0943	70	0.0943	124	-0.0937
20	0.0943	71	0.0953	125	-0.0807
21	0.0943	72	0.0973	126	-0.0487
22	0.0953	73	0.0953	127	-0.0927
23	0.0923	74	0.0933	128	-0.0637
24	0.0933	75	0.0923	129	-0.1527
25	0.0923	76	0.0913	135	-0.0727
26	0.0923	77	0.0963	136	-0.0717
27	0.0923	78	0.0933	137	-0.0667
28	0.0913	79	0.0893	138	0.0393
29	0.0893	80	0.0933	139	0.0293
30	0.0983	81	0.0943	140	0.0183
32	0.0953	82	0.0943	141	0.1953
33	0.0963	83	0.0993	142	0.1893
34	0.0943	84	0.0993	143	0.1933
35	0.0953	85	0.0963	145	-0.0657
36	0.0913	86	0.0973	147	0.1923
37	0.0953	87	0.0953	151	0.0183
38	0.0983	88	0.0953	152	-0.0967
39	0.0943	89	0.0933	153	-0.2217
40	0.0923	90	0.0933	154	-0.3797
41	0.0953	91	0.0933	155	0.1843
42	0.0903	92	0.0913	156	0.1033
43	0.0983	93	0.0923	157	-0.0657
44	0.0993	94	0.0903	158	0.3753
45	0.0963	95	0.0913	159	0.1853
46	0.0973	96	0.0883	160	0.1413
47	0.0953	97	0.0893	161	0.0503
48	0.0953	98	0.0933	162	0.3233
49	0.0933	99	0.0893	163	0.2333
50	0.0923	100	0.0903	164	0.0283
51	0.0913	101	0.0933	165	0.0373

ORF	CP	ORF	CP	ORF	CP
166	0.2563	217	0.0873	268	-0.0467
167	0.0743	218	0.0853	269	0.1563
168	0.0463	219	0.0863	270	0.2433
169	-0.0427	220	0.0893	271	-0.2437
170	0.0553	221	0.1703	272	-0.0517
171	-0.0587	222	-0.2097	273	0.1823
172	-0.1937	223	-0.3697	274	0.2183
173	-0.1387	224	-0.3797	275	0.1303
174	-0.2657	225	0.2823	276	0.2503
175	-0.3057	226	0.2083	277	0.1403
176	-0.4377	227	-0.6957	278	-0.7697
177	-0.1187	228	-0.6277	279	-0.7317
178	-0.1987	229	-0.5427	280	-0.7007
179	-0.1397	230	-0.4067	281	-0.6027
180	-0.3577	231	-0.2907	282	-0.4487
181	0.2143	232	-0.2347	283	-0.2647
182	0.3733	233	-0.2497	284	-0.2157
183	0.1023	234	-0.1037	285	-0.1447
184	0.2903	235	-0.2307	286	-0.2387
185	0.3523	236	-0.2437	287	-0.0397
186	0.4153	237	-0.2657	288	0.1633
187	0.4283	238	-0.2377	289	0.1733
188	0.4663	239	0.3003	290	0.1553
189	0.4763	240	0.2263	291	-0.2557
190	-0.3717	241	-0.7427	292	0.1073
191	-0.3917	242	-0.6617	325	0.0813
192	-0.3697	244	-0.4627	326	0.0953
193	-0.3727	245	-0.3757	327	0.0953
194	-0.3697	246	-0.3317	328	0.0913
195	-0.3807	247	-0.2417	329	0.0943
196	-0.3747	248	-0.0627	330	0.0933
197	-0.3737	249	-0.2347	331	0.0943
198	-0.3737	250	-0.1727	332	0.0893
199	-0.3717	251	-0.0877	333	0.0893
200	-0.3817	252	-0.0347	334	0.0933
201	-0.3717	253	0.3343	335	0.0933
202	-0.3687	254	0.2183	336	0.0933
203	-0.3687	255	-0.7457	337	0.0923
204	-0.3707	256	-0.6897	338	0.0953
205	0.1603	257	-0.6447	339	0.0913
206	0.1793	258	-0.5607	340	0.0913
207	0.2093	259	-0.4647	341	0.0943
208	0.1113	260	-0.3117	350	0.0893
210	0.1503	261	-0.1857	351	0.0903
211	0.2883	262	-0.0807	352	0.0933
212	0.3143	263	-0.2997	353	0.0933
213	0.0873	264	-0.0397	354	0.0903
214	0.0873	265	0.1193	355	0.0923
215	0.0863	266	0.1733		
216	0.0853	267	-0.2577		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1955
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 322.
CONFIGURATION NO. = 17.
ANGLE OF MODEL ROLL(DEG) = 0.
MACH NUMBER = 1.199
TUNNEL DYNAMIC PRESSURE(PSF) = 796.
TUNNEL STAGNATION PRESSURE(PSF) = 1916.
TUNNEL STATIC PRESSURE(PSF) = 791.
REYNOLDS NUMBER PER FOOT = 3.9940E 06
MODEL ANGLE OF ATTACK(DEG) = 11.91
FIN ANGLE(DEG) = -0.
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 560.

SCANIVALUE	CP(REF)
147	0.1573
247	0.1563
347	0.1573
447	0.1573
547	0.1573
647	0.1573
747	0.1573

ORF	CP	ORF	CP	ORF	CP
1	0.0883	52	0.0853	102	0.0853
2	0.0873	53	0.0853	103	0.0853
3	0.0843	54	0.0853	104	0.0843
4	0.0863	55	0.0873	105	0.0843
5	0.0883	56	0.0843	110	-0.0187
6	0.0893	57	0.0853	111	-0.0197
7	0.0873	58	0.0833	112	-0.0117
8	0.0863	59	0.0833	113	-0.0607
9	0.0863	60	0.0833	114	0.0923
10	0.0863	61	0.0833	115	0.0893
11	0.0863	62	0.0873	116	0.0893
12	0.0863	63	0.0843	117	0.0873
13	0.0833	64	0.0833	118	0.0873
14	0.0843	65	0.0833	119	0.0853
15	0.0843	66	0.0883	120	-0.1437
16	0.0843	67	0.0873	121	0.0753
17	0.0853	68	0.0893	122	0.0843
18	0.0893	69	0.0873	123	0.0913
19	0.0913	70	0.0843	124	-0.0877
20	0.0883	71	0.0833	125	-0.1037
21	0.0883	72	0.0863	126	-0.0797
22	0.0893	73	0.0893	127	-0.0957
23	0.0853	74	0.0913	128	-0.0807
24	0.0863	75	0.0853	129	-0.1647
25	0.0843	76	0.0833	135	-0.0817
26	0.0833	77	0.0833	136	-0.0847
27	0.0843	78	0.0883	137	-0.0807
28	0.0843	79	0.0883	138	0.0193
29	0.0883	80	0.0913	139	0.0263
30	0.0883	81	0.0913	140	0.0393
32	0.0923	82	0.0903	141	0.2173
33	0.0913	83	0.0863	142	0.2183
34	0.0923	84	0.0843	143	0.2073
35	0.0923	85	0.0833	145	-0.0887
36	0.0923	86	0.0863	147	0.2163
37	0.0903	87	0.0893	151	0.0463
38	0.0843	88	0.0883	152	-0.1057
39	0.0843	89	0.0853	153	-0.2077
40	0.0873	90	0.0833	154	-0.2837
41	0.0843	91	0.0853	155	0.0043
42	0.0863	92	0.0853	156	-0.0167
43	0.0873	93	0.0853	157	-0.1237
44	0.0863	94	0.0863	158	0.1883
45	0.0843	95	0.0863	159	0.0913
46	0.0863	96	0.0813	160	0.0243
47	0.0883	97	0.0843	161	-0.0567
48	0.0893	98	0.0833	162	0.2153
49	0.0863	99	0.0863	163	0.1023
50	0.0863	100	0.0833	164	0.0223
51	0.0863	101	0.0863	165	-0.0857

DRF	CP	DRF	CP	DRF	CP
166	0.1603	217	0.0863	268	-0.1207
167	-0.0347	218	0.0873	269	0.0383
168	-0.0717	219	0.0833	270	0.1183
169	-0.1417	220	0.0863	271	-0.3177
170	0.0173	221	0.1493	272	-0.1107
171	-0.0977	222	-0.1667	273	0.0833
172	-0.2197	223	-0.3927	274	0.1353
173	-0.1317	224	-0.3847	275	0.0143
174	-0.1957	225	0.3393	276	0.1433
175	-0.2987	226	0.2793	277	0.0463
176	-0.3707	227	-0.6587	278	-0.7607
177	-0.1347	228	-0.5967	279	-0.7097
178	-0.1537	229	-0.5237	280	-0.6407
179	-0.1127	230	-0.4207	281	-0.5177
180	-0.3557	231	-0.3347	282	-0.3667
181	0.1893	232	-0.3017	283	-0.2577
182	0.3053	233	-0.2997	284	-0.2297
183	0.1423	234	-0.1267	285	-0.2127
184	0.2583	235	-0.1807	286	-0.3087
185	0.3353	236	-0.2187	287	-0.0977
186	0.4073	237	-0.3217	288	0.0773
187	0.4203	238	-0.2847	289	0.0993
188	0.4523	239	0.2953	290	0.0733
189	0.4503	240	0.2363	291	-0.2677
190	-0.3547	241	-0.7097	292	0.1233
191	-0.3897	242	-0.6307	325	0.0743
192	-0.3547	244	-0.4687	326	0.0843
193	-0.3557	245	-0.4437	327	0.0873
194	-0.3567	246	-0.4167	328	0.0893
195	-0.3797	247	-0.3067	329	0.0873
196	-0.3667	248	-0.0857	330	0.0883
197	-0.3597	249	-0.2607	331	0.0833
198	-0.3587	250	-0.2807	332	0.0833
199	-0.3597	251	-0.1357	333	0.0883
200	-0.3737	252	-0.0397	334	0.0873
201	-0.3627	253	0.2483	335	0.0883
202	-0.3557	254	0.1473	336	0.0843
203	-0.3587	255	-0.7617	337	0.0863
204	-0.3647	256	-0.7177	338	0.0843
205	0.1333	257	-0.6847	339	0.0853
206	0.1383	258	-0.6097	340	0.0903
207	0.1003	259	-0.5037	341	0.0883
208	-0.1777	260	-0.3837	350	0.0833
210	0.1413	261	-0.1887	351	0.0853
211	0.3173	262	-0.1447	352	0.0843
212	0.3723	263	-0.3777	353	0.0793
213	0.0843	264	-0.1357	354	0.0823
214	0.0823	265	0.0273	355	0.0863
215	0.0893	266	0.0693		
216	0.0913	267	-0.3397		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1956

TUNNEL = 11

TEST NO. = 086

TEST PHASE = 2

RUN NUMBER = 321.

CONFIGURATION NO. = 17.

ANGLE OF MODEL ROLL(DEG) = 0.

MACH NUMBER = 1.352

TUNNEL DYNAMIC PRESSURE(PSF) = 829.

TUNNEL STAGNATION PRESSURE(PSF) = 1928.

TUNNEL STATIC PRESSURE(PSF) = 648.

REYNOLDS NUMBER PER FOOT = 3.9790E 06

MODEL ANGLE OF ATTACK(DEG) = -12.08

FIN ANGLE(DEG) = -0.

FREE-STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 561.

SCANIVALUE	CP(REF)
147	0.3253
247	0.3243
347	0.3243
447	0.3243
547	0.3223
647	0.3223
747	0.3223

ORF	CP	ORF	CP	ORF	CP
1	0.0803	52	0.0793	102	0.0783
2	0.0833	53	0.0823	103	0.0793
3	0.0863	54	0.0853	104	0.0823
4	0.0793	55	0.0773	105	0.0823
5	0.0783	56	0.0753	110	-0.0977
6	0.0823	57	0.0803	111	-0.0957
7	0.0883	58	0.0843	112	-0.0817
8	0.0823	59	0.0823	113	-0.1097
9	0.0823	60	0.0853	114	0.0773
10	0.0813	61	0.0783	115	0.0703
11	0.0833	62	0.0783	116	0.0693
12	0.0863	63	0.0783	117	0.0703
13	0.0843	64	0.0803	118	0.0673
14	0.0813	65	0.0823	119	0.0693
15	0.0803	66	0.0793	120	-0.1167
16	0.0863	67	0.0833	121	0.0703
17	0.0823	68	0.0863	122	0.0813
18	0.0813	69	0.0803	123	0.0763
19	0.0883	70	0.0833	124	-0.1237
20	0.0863	71	0.0853	125	-0.1257
21	0.0813	72	0.0873	126	-0.1067
22	0.0783	73	0.0823	127	-0.1197
23	0.0763	74	0.0803	128	-0.1047
24	0.0823	75	0.0833	129	-0.1677
25	0.0853	76	0.0763	135	-0.1127
26	0.0833	77	0.0783	136	-0.1137
27	0.0853	78	0.0773	137	-0.1037
28	0.0793	79	0.0793	138	0.0093
29	0.0803	80	0.0863	139	0.0053
30	0.0883	81	0.0843	140	0.0053
32	0.0803	82	0.0823	141	0.1843
33	0.0833	83	0.0833	142	0.1133
34	0.0833	84	0.0823	143	0.1363
35	0.0873	85	0.0903	145	-0.1107
36	0.0803	86	0.0803	147	0.1093
37	0.0793	87	0.0793	151	0.2993
38	0.0793	88	0.0843	152	0.1993
39	0.0773	89	0.0863	153	-0.0297
40	0.0833	90	0.0823	154	-0.1197
41	0.0793	91	0.0853	155	0.6433
42	0.0853	92	0.0823	156	0.4593
43	0.0813	93	0.0793	157	0.3023
44	0.0823	94	0.0803	158	0.7403
45	0.0883	95	0.0813	159	0.6323
46	0.0783	96	0.0813	160	0.5933
47	0.0783	97	0.0773	161	0.4853
48	0.0823	98	0.0813	162	0.7483
49	0.0873	99	0.0783	163	0.7553
50	0.0823	100	0.0843	164	0.0093
51	0.0793	101	0.0743	165	0.5113

ORF	CP	ORF	CP	ORF	CP
166	0.7553	217	0.0813	268	0.2613
167	0.6503	218	0.0803	269	0.4433
168	0.5973	219	0.0773	270	0.5733
169	0.4513	220	0.0793	271	0.0803
170	0.6653	221	0.3293	272	0.2983
171	0.4923	222	-0.0057	273	0.5553
172	0.2603	223	-0.2437	274	0.5883
173	0.3903	224	-0.2587	275	0.5333
174	0.2153	225	0.3743	276	0.6413
175	0.1023	226	0.3193	277	0.5673
176	-0.1757	227	-0.1937	278	-0.4807
177	0.1173	228	-0.0947	279	-0.4287
178	0.1103	229	-0.0147	280	-0.3827
179	0.2403	230	0.0823	281	-0.2757
180	-0.3467	231	0.1003	282	-0.2137
181	0.3953	232	0.0973	283	-0.1447
182	0.6783	233	0.1033	284	-0.0657
183	0.5573	234	0.1353	285	0.0463
184	0.8523	235	0.0143	286	0.1333
185	1.2163	236	-0.0267	287	0.3273
186	1.4693	237	-0.1067	288	0.5663
187	1.5023	238	-0.0727	289	0.5913
188	1.5143	239	0.4253	290	0.4713
189	1.5063	240	0.3723	291	-0.3757
190	-0.3237	241	-0.3997	292	-0.1237
191	-0.3077	242	-0.2927	325	0.0663
192	-0.3237	244	-0.0467	326	0.0793
193	-0.3247	245	0.0413	327	0.0843
194	-0.3277	246	0.0583	328	0.0793
195	-0.3057	247	0.0583	329	0.0803
196	-0.3347	248	0.1563	330	0.0793
197	-0.3277	249	-0.0097	331	0.0783
198	-0.3297	250	0.0503	332	0.0833
199	-0.3317	251	0.1613	333	0.0803
200	-0.3147	252	0.2273	334	0.0803
201	-0.3187	253	0.4893	335	0.0773
202	-0.3227	254	0.4253	336	0.0803
203	-0.3227	255	-0.4717	337	0.0803
204	-0.3197	256	-0.3867	338	0.0783
205	0.3283	257	-0.2917	339	0.0823
206	0.3363	258	-0.1587	340	0.0793
207	0.4973	259	-0.0777	341	0.0803
208	0.4803	260	-0.0307	350	0.0773
210	0.2653	261	0.0073	351	0.0733
211	0.3883	262	0.1193	352	0.0743
212	0.4023	263	-0.0367	353	0.0783
213	0.0823	264	0.2343	354	0.0843
214	0.0813	265	0.4433	355	0.0823
215	0.0833	266	0.4673		
216	0.0823	267	0.0313		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1957
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 321.
CONFIGURATION NO. = 17.
ANGLE OF MODEL ROLL(DEG) = 0.
MACH NUMBER = 1.352
TUNNEL DYNAMIC PRESSURE(PSF) = 829.
TUNNEL STAGNATION PRESSURE(PSF) = 1928.
TUNNEL STATIC PRESSURE(PSF) = 648.
REYNOLDS NUMBER PER FOOT = 3.9900E 06
MODEL ANGLE OF ATTACK(DEG) = -8.09
FIN ANGLE(DEG) = -0.
FREE-STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 560.

SCANVALUE	CP(REF)
147	0.3253
247	0.3243
347	0.3243
447	0.3253
547	0.3243
647	0.3243
747	0.3243

ORF	CP	ORF	CP	ORF	CP
1	0.0923	52	0.0863	102	0.0963
2	0.0863	53	0.0863	103	0.0943
3	0.0853	54	0.0873	104	0.0923
4	0.0863	55	0.0863	105	0.0943
5	0.0893	56	0.0963	110	-0.1007
6	0.0933	57	0.0933	111	-0.1057
7	0.0873	58	0.0913	112	-0.0827
8	0.0913	59	0.0953	113	-0.1067
9	0.0903	60	0.0933	114	0.0973
10	0.0873	61	0.0983	115	0.0993
11	0.0883	62	0.1013	116	0.1023
12	0.0893	63	0.0913	117	0.0973
13	0.0913	64	0.0913	118	0.0923
14	0.0913	65	0.0903	119	0.1003
15	0.0943	66	0.0943	120	-0.1237
16	0.0973	67	0.0983	121	0.0753
17	0.0963	68	0.0953	122	0.0933
18	0.0983	69	0.0983	123	0.0953
19	0.0983	70	0.0963	124	-0.0907
20	0.0993	71	0.0963	125	-0.0977
21	0.0943	72	0.0953	126	-0.0707
22	0.0883	73	0.0963	127	-0.0877
23	0.0993	74	0.0923	128	-0.0797
24	0.0943	75	0.0963	129	-0.1527
25	0.0933	76	0.0963	135	-0.0867
26	0.0963	77	0.0933	136	-0.0877
27	0.0943	78	0.0893	137	-0.0797
28	0.1013	79	0.0873	138	0.0193
29	0.1013	80	0.0843	139	0.0163
30	0.0963	81	0.0843	140	0.0093
32	0.0953	82	0.0893	141	0.1263
33	0.0903	83	0.0903	142	0.1113
34	0.0853	84	0.0863	143	0.1283
35	0.0863	85	0.0863	145	-0.0877
36	0.0893	86	0.0863	147	0.1183
37	0.0913	87	0.0913	151	0.2703
38	0.0943	88	0.0903	152	0.1743
39	0.0953	89	0.0853	153	-0.0487
40	0.0993	90	0.0913	154	-0.1707
41	0.0903	91	0.0873	155	0.5773
42	0.0893	92	0.0873	156	0.4503
43	0.0893	93	0.0883	157	0.2833
44	0.0863	94	0.0903	158	0.6603
45	0.0853	95	0.0893	159	0.6223
46	0.0853	96	0.0943	160	0.5843
47	0.0893	97	0.0983	161	0.4703
48	0.0903	98	0.0913	162	0.5933
49	0.0853	99	0.1023	163	0.7163
50	0.0893	100	0.0943	164	0.0163
51	0.0893	101	0.0863	165	0.4933

ORF	CP	ORF	CP	ORF	CP
166	0.5573	217	0.0963	268	0.2033
167	0.5823	218	0.0943	269	0.3873
168	0.5623	219	0.0853	270	0.4593
169	0.4213	220	0.0893	271	0.0243
170	0.4983	221	0.2993	272	0.2573
171	0.3913	222	-0.0387	273	0.4413
172	0.2173	223	-0.2767	274	0.4563
173	0.2623	224	-0.2917	275	0.5103
174	0.1103	225	0.3873	276	0.5573
175	0.0453	226	0.2843	277	0.4843
176	-0.1877	227	-0.2567	278	-0.5017
177	0.1183	228	-0.1727	279	-0.4497
178	0.0753	229	-0.1157	280	-0.3997
179	0.1783	230	0.0233	281	-0.2927
180	-0.3357	231	0.0463	282	-0.2307
181	0.3683	232	0.0423	283	-0.1837
182	0.6363	233	0.0343	284	-0.0997
183	0.3863	234	0.0873	285	-0.0167
184	0.5513	235	-0.0227	286	0.0583
185	0.7593	236	-0.0537	287	0.2813
186	1.0323	237	-0.1317	288	0.4343
187	1.2323	238	-0.1007	289	0.4333
188	1.3943	239	0.3863	290	0.4143
189	1.4533	240	0.3413	291	-0.3917
190	-0.3257	241	-0.4437	292	-0.0537
191	-0.3277	242	-0.3547	325	0.0843
192	-0.3277	244	-0.1017	326	0.0923
193	-0.3267	245	-0.0217	327	0.0893
194	-0.3317	246	-0.0107	328	0.0863
195	-0.3227	247	-0.0097	329	0.0943
196	-0.3317	248	0.1043	330	0.0903
197	-0.3287	249	-0.0517	331	0.0903
198	-0.3307	250	-0.0017	332	0.0873
199	-0.3307	251	0.1233	333	0.0863
200	-0.3267	252	0.1983	334	0.0913
201	-0.3237	253	0.4783	335	0.0883
202	-0.3237	254	0.4253	336	0.0993
203	-0.3247	255	-0.4847	337	0.0983
204	-0.3227	256	-0.4057	338	0.0903
205	0.3173	257	-0.3287	339	0.0883
206	0.3263	258	-0.2287	340	0.0863
207	0.4143	259	-0.1687	341	0.0933
208	0.3953	260	-0.1167	350	0.0973
210	0.2463	261	-0.0527	351	0.0963
211	0.3783	262	0.0543	352	0.0963
212	0.4113	263	-0.0837	353	0.0903
213	0.0913	264	0.1773	354	0.0963
214	0.0963	265	0.3863	355	0.1013
215	0.0963	266	0.4013		
216	0.0953	267	-0.0137		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1959

TUNNEL = 11

TEST NO. = 086

TEST PHASE = 2

RUN NUMBER = 321.

CONFIGURATION NO. = 17.

ANGLE OF MODEL ROLL(DEG) = 0.

MACH NUMBER = 1.351

TUNNEL DYNAMIC PRESSURE(PSF) = 830.

TUNNEL STAGNATION PRESSURE(PSF) = 1930.

TUNNEL STATIC PRESSURE(PSF) = 650.

REYNOLDS NUMBER PER FOOT = 3.9990E 06

MODEL ANGLE OF ATTACK(DEG) = -4.01

FIN ANGLE(DEG) = -0.

FREE*STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 559.

SCANIVALUE	CP(REF)
147	0.3229
247	0.3229
347	0.3219
447	0.3219
547	0.3239
647	0.3239
747	0.3239

ORF	CP	ORF	CP	ORF	CP
1	0.1129	52	0.1219	102	0.1179
2	0.1139	53	0.1149	103	0.1139
3	0.1199	54	0.1169	104	0.1149
4	0.1269	55	0.1189	105	0.1169
5	0.1219	56	0.1199	110	-0.0981
6	0.1199	57	0.1149	111	-0.1051
7	0.1169	58	0.1149	112	-0.0821
8	0.1199	59	0.1159	113	-0.1041
9	0.1209	60	0.1159	114	0.1249
10	0.1229	61	0.1189	115	0.1199
11	0.1159	62	0.1179	116	0.1189
12	0.1159	63	0.1179	117	0.1189
13	0.1169	64	0.1179	118	0.1199
14	0.1189	65	0.1159	119	0.1239
15	0.1179	66	0.1149	120	-0.1271
16	0.1189	67	0.1129	121	0.1109
17	0.1159	68	0.1169	122	0.1239
18	0.1159	69	0.1179	123	0.1229
19	0.1179	70	0.1159	124	-0.0591
20	0.1129	71	0.1179	125	-0.0801
21	0.1169	72	0.1129	126	-0.0451
22	0.1189	73	0.1139	127	-0.0641
23	0.1189	74	0.1179	128	-0.0521
24	0.1149	75	0.1219	129	-0.1441
25	0.1159	76	0.1229	135	-0.0561
26	0.1159	77	0.1219	136	-0.0531
27	0.1149	78	0.1199	137	-0.0511
28	0.1189	79	0.1239	138	0.0189
29	0.1179	80	0.1239	139	0.0189
30	0.1139	81	0.1199	140	0.0129
32	0.1169	82	0.1209	141	0.1369
33	0.1199	83	0.1109	142	0.1339
34	0.1199	84	0.1149	143	0.1279
35	0.1239	85	0.1209	145	-0.0551
36	0.1239	86	0.1269	147	0.1349
37	0.1199	87	0.1209	151	0.1809
38	0.1219	88	0.1209	152	0.0969
39	0.1219	89	0.1149	153	-0.1051
40	0.1229	90	0.1159	154	-0.2171
41	0.1199	91	0.1179	155	0.4109
42	0.1189	92	0.1159	156	0.2869
43	0.1119	93	0.1209	157	0.1429
44	0.1149	94	0.1189	158	0.4429
45	0.1199	95	0.1199	159	0.4619
46	0.1269	96	0.1169	160	0.4339
47	0.1209	97	0.1169	161	0.3279
48	0.1209	98	0.1189	162	0.5039
49	0.1159	99	0.1179	163	0.5699
50	0.1209	100	0.1159	164	0.0189
51	0.1199	101	0.1179	165	0.3869

ORF	CP	ORF	CP	ORF	CP
166	0.5469	217	0.1219	268	0.1909
167	0.5449	218	0.1229	269	0.2299
168	0.5109	219	0.1259	270	0.3339
169	0.3879	220	0.1259	271	0.0029
170	0.5909	221	0.2609	272	0.2129
171	0.4469	222	-0.0651	273	0.3369
172	0.2339	223	-0.2871	274	0.3599
173	0.3049	224	-0.2951	275	0.4659
174	0.2269	225	0.3019	276	0.4509
175	-0.0181	226	0.2439	277	0.3709
176	-0.1851	227	-0.2901	278	-0.5451
177	0.0559	228	-0.1751	279	-0.5181
178	0.1559	229	-0.1041	280	-0.4801
179	0.2439	230	-0.0151	281	-0.3561
180	-0.3291	231	-0.0041	282	-0.2291
181	0.0509	232	-0.0141	283	-0.1941
182	0.2939	233	-0.0211	284	-0.1581
183	0.4879	234	0.0359	285	-0.0591
184	0.7289	235	-0.0661	286	0.0149
185	0.9449	236	-0.0831	287	0.2169
186	1.1219	237	-0.1491	288	0.3509
187	1.2389	238	-0.1161	289	0.3849
188	1.3489	239	0.3529	290	0.2589
189	1.4009	240	0.3059	291	-0.2761
190	-0.3211	241	-0.4911	292	-0.0051
191	-0.3341	242	-0.4121	325	0.1099
192	-0.3221	244	-0.1611	326	0.1199
193	-0.3221	245	-0.0801	327	0.1179
194	-0.3241	246	-0.0581	328	0.1199
195	-0.3231	247	-0.0561	329	0.1199
196	-0.3261	248	0.0469	330	0.1199
197	-0.3241	249	-0.1011	331	0.1199
198	-0.3241	250	0.0169	332	0.1179
199	-0.3251	251	0.0839	333	0.1189
200	-0.3231	252	0.1239	334	0.1199
201	-0.3181	253	0.4019	335	0.1199
202	-0.3171	254	0.3309	336	0.1259
203	-0.3191	255	-0.5451	337	0.1229
204	-0.3191	256	-0.4891	338	0.1199
205	0.2509	257	-0.4331	339	0.1179
206	0.2559	258	-0.2961	340	0.1219
207	0.3069	259	-0.1711	341	0.1209
208	0.2749	260	-0.1311	350	0.1209
210	0.1979	261	-0.1001	351	0.1199
211	0.3239	262	0.0089	352	0.1199
212	0.3449	263	-0.0831	353	0.1139
213	0.1169	264	0.1669	354	0.1239
214	0.1219	265	0.2679	355	0.1309
215	0.1289	266	0.2379		
216	0.1219	267	-0.0451		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1960
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 321.
CONFIGURATION NO. = 17.
ANGLE OF MODEL ROLL(DEG) = 0.
MACH NUMBER = 1.351
TUNNEL DYNAMIC PRESSURE(PSF) = 829.
TUNNEL STAGNATION PRESSURE(PSF) = 1928.
TUNNEL STATIC PRESSURE(PSF) = 649.
REYNOLDS NUMBER PER FOOT = 3.9930E 06
MODEL ANGLE OF ATTACK(DEG) = 0.12
FIN ANGLE(DEG) = -0.
FREE-STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 560.

SCANIVALUE	CP(REF)
147	0.3241
247	0.3231
347	0.3231
447	0.3241
547	0.3251
647	0.3241
747	0.3241

ORF	CP	ORF	CP	ORF	CP
1	0.1071	52	0.1071	102	0.1011
2	0.1111	53	0.1101	103	0.1051
3	0.1111	54	0.1101	104	0.1061
4	0.1091	55	0.1031	105	0.1051
5	0.1121	56	0.1021	110	-0.0909
6	0.1121	57	0.1031	111	-0.0869
7	0.1111	58	0.1061	112	-0.0779
8	0.1101	59	0.1051	113	-0.0939
9	0.1121	60	0.1041	114	0.1071
10	0.1081	61	0.1031	115	0.1051
11	0.1121	62	0.1061	116	0.1031
12	0.1111	63	0.1131	117	0.1021
13	0.1081	64	0.1101	118	0.1021
14	0.1111	65	0.1081	119	0.1061
15	0.1141	66	0.1091	120	-0.1229
16	0.1101	67	0.1041	121	0.1061
17	0.1091	68	0.1061	122	0.1101
18	0.1021	69	0.1021	123	0.1081
19	0.1071	70	0.1081	124	-0.0609
20	0.1061	71	0.1071	125	-0.0709
21	0.1091	72	0.1021	126	-0.0359
22	0.1041	73	0.1021	127	-0.0539
23	0.1041	74	0.1061	128	-0.0369
24	0.1041	75	0.1061	129	-0.1379
25	0.1081	76	0.1031	135	-0.0399
26	0.1061	77	0.1021	136	-0.0379
27	0.1051	78	0.1051	137	-0.0369
28	0.1041	79	0.1061	138	0.0161
29	0.1071	80	0.1021	139	0.0151
30	0.1051	81	0.1051	140	0.0121
32	0.1081	82	0.1061	141	0.1351
33	0.1061	83	0.1071	142	0.1341
34	0.1071	84	0.1091	143	0.1301
35	0.1041	85	0.1151	145	-0.0389
36	0.1071	86	0.1101	147	0.1361
37	0.1071	87	0.1101	151	0.1141
38	0.1031	88	0.1121	152	0.0291
39	0.1041	89	0.1111	153	-0.1719
40	0.1081	90	0.1081	154	-0.2669
41	0.1111	91	0.1101	155	0.4011
42	0.1151	92	0.1101	156	0.2381
43	0.1061	93	0.1081	157	0.1061
44	0.1091	94	0.1091	158	0.4541
45	0.1121	95	0.1101	159	0.4511
46	0.1081	96	0.1111	160	0.4271
47	0.1101	97	0.1041	161	0.3261
48	0.1111	98	0.1131	162	0.4721
49	0.1111	99	0.1061	163	0.5801
50	0.1101	100	0.1061	164	0.0151
51	0.1091	101	0.1051	165	0.3871

ORF	CP	ORF	CP	ORF	CP
166	0.4451	217	0.1061	268	0.1281
167	0.4701	218	0.1051	269	0.1971
168	0.4551	219	0.1071	270	0.2871
169	0.3351	220	0.1131	271	-0.0479
170	0.4231	221	0.2501	272	0.1451
171	0.2971	222	-0.1089	273	0.2981
172	0.1281	223	-0.2929	274	0.3121
173	0.1561	224	-0.2989	275	0.3831
174	0.0261	225	0.2661	276	0.4301
175	-0.0869	226	0.2011	277	0.3441
176	-0.2719	227	-0.3999	278	-0.5419
177	-0.0429	228	-0.3289	279	-0.5159
178	-0.0019	229	-0.2039	280	-0.4909
179	0.1281	230	-0.0829	281	-0.4089
180	-0.3209	231	-0.0589	282	-0.3529
181	0.1051	232	-0.0619	283	-0.3069
182	0.3531	233	-0.0789	284	-0.1369
183	0.2661	234	-0.0139	285	-0.0599
184	0.4451	235	-0.1209	286	-0.0209
185	0.6641	236	-0.1079	287	0.1571
186	0.8011	237	-0.1629	288	0.3101
187	0.8341	238	-0.1419	289	0.3021
188	0.9091	239	0.2861	290	0.2191
189	0.9511	240	0.2251	291	-0.3379
190	-0.3189	241	-0.5339	292	0.0001
191	-0.3299	242	-0.4749	325	0.0941
192	-0.3209	244	-0.1799	326	0.1111
193	-0.3209	245	-0.0979	327	0.1101
194	-0.3229	246	-0.1079	328	0.1111
195	-0.3199	247	-0.1119	329	0.1131
196	-0.3219	248	-0.0039	330	0.1141
197	-0.3239	249	-0.1329	331	0.1101
198	-0.3219	250	-0.0229	332	0.1121
199	-0.3239	251	0.0201	333	0.1111
200	-0.3199	252	0.0581	334	0.1101
201	-0.3179	253	0.3341	335	0.1151
202	-0.3169	254	0.2541	336	0.1071
203	-0.3169	255	-0.5669	337	0.1081
204	-0.3169	256	-0.5259	338	0.1111
205	0.2091	257	-0.4899	339	0.1141
206	0.1921	258	-0.4089	340	0.1121
207	0.2561	259	-0.2539	341	0.1131
208	0.2271	260	-0.1479	350	0.1071
210	0.1801	261	-0.1489	351	0.1121
211	0.2891	262	-0.0029	352	0.1081
212	0.3191	263	-0.1629	353	0.1111
213	0.1071	264	0.1101	354	0.1101
214	0.1111	265	0.2181	355	0.1051
215	0.1111	266	0.2021		
216	0.1091	267	-0.0989		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1961
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 321.
CONFIGURATION NO. = 17.
ANGLE OF MODEL ROLL(DEG) = 0.
MACH NUMBER = 1.354
TUNNEL DYNAMIC PRESSURE(PSF) = 829.
TUNNEL STAGNATION PRESSURE(PSF) = 1928.
TUNNEL STATIC PRESSURE(PSF) = 646.
REYNOLDS NUMBER PER FOOT = 3.9950E 06
MODEL ANGLE OF ATTACK(DEG) = 4.00
FIN ANGLE(DEG) = -0.
FREE'STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 559.

SCANIVALUE	CP(REF)
147	0.3277
247	0.3267
347	0.3267
447	0.3277
547	0.3277
647	0.3277
747	0.3277

ORF	CP	ORF	CP	ORF	CP
1	0.0977	52	0.0977	102	0.1007
2	0.0957	53	0.1007	103	0.0997
3	0.0967	54	0.0987	104	0.1027
4	0.0957	55	0.1047	105	0.0997
5	0.0977	56	0.1007	110	-0.0693
6	0.0987	57	0.0997	111	-0.0603
7	0.0977	58	0.1017	112	-0.0553
8	0.0947	59	0.0987	113	-0.0793
9	0.0927	60	0.1007	114	0.0977
10	0.0997	61	0.0987	115	0.0957
11	0.1017	62	0.0947	116	0.0967
12	0.0997	63	0.0947	117	0.0937
13	0.0997	64	0.0997	118	0.0957
14	0.0997	65	0.1007	119	0.0977
15	0.0977	66	0.1027	120	-0.1233
16	0.0967	67	0.1007	121	0.0837
17	0.1007	68	0.0997	122	0.0967
18	0.0987	69	0.0987	123	0.1017
19	0.1007	70	0.1007	124	-0.0623
20	0.1007	71	0.0967	125	-0.0753
21	0.1017	72	0.0977	126	-0.0443
22	0.1047	73	0.0997	127	-0.0633
23	0.1017	74	0.1027	128	-0.0453
24	0.0997	75	0.0947	129	-0.1313
25	0.1027	76	0.0947	135	-0.0483
26	0.0997	77	0.0977	136	-0.0453
27	0.1017	78	0.0977	137	-0.0443
28	0.1007	79	0.0997	138	0.0077
29	0.0967	80	0.0977	139	0.0097
30	0.1007	81	0.0967	140	0.0067
32	0.1037	82	0.0997	141	0.1377
33	0.0997	83	0.0997	142	0.1327
34	0.0967	84	0.0967	143	0.1317
35	0.0977	85	0.0967	145	-0.0483
36	0.1007	86	0.0987	147	0.1317
37	0.1007	87	0.0977	151	0.1217
38	0.0967	88	0.0997	152	0.0507
39	0.0947	89	0.0977	153	-0.1353
40	0.0957	90	0.1017	154	-0.2493
41	0.1017	91	0.0987	155	0.4077
42	0.1037	92	0.1017	156	0.2907
43	0.0987	93	0.0987	157	0.1257
44	0.0967	94	0.0947	158	0.5197
45	0.0967	95	0.0957	159	0.3957
46	0.0957	96	0.1007	160	0.3387
47	0.0977	97	0.1007	161	0.2507
48	0.0987	98	0.0957	162	0.3977
49	0.0977	99	0.0967	163	0.4187
50	0.0947	100	0.0997	164	0.0097
51	0.0937	101	0.1047	165	0.2347

ORF	CP	ORF	CP	ORF	CP
166	0.3477	217	0.0967	268	0.0317
167	0.3077	218	0.0977	269	0.2397
168	0.2847	219	0.0987	270	0.3257
169	0.1747	220	0.0987	271	-0.0933
170	0.2857	221	0.2307	272	0.0577
171	0.1867	222	-0.1363	273	0.2737
172	0.0497	223	-0.3013	274	0.2767
173	0.0507	224	-0.3043	275	0.3637
174	-0.0473	225	0.2777	276	0.3587
175	-0.0893	226	0.2297	277	0.2637
176	-0.2903	227	-0.4893	278	-0.5693
177	0.0087	228	-0.4423	279	-0.5403
178	-0.0733	229	-0.3503	280	-0.5203
179	0.0027	230	-0.1883	281	-0.4423
180	-0.3133	231	-0.0663	282	-0.3193
181	0.3017	232	-0.0693	283	-0.2323
182	0.5057	233	-0.0903	284	-0.1733
183	0.1817	234	-0.0273	285	-0.1263
184	0.3447	235	-0.1443	286	-0.0923
185	0.4727	236	-0.1583	287	0.0807
186	0.5937	237	-0.1913	288	0.2517
187	0.6417	238	-0.1593	289	0.2467
188	0.7097	239	0.2957	290	0.2697
189	0.7907	240	0.2417	291	-0.2923
190	-0.3173	241	-0.5483	292	-0.0063
191	-0.3313	242	-0.4763	325	0.0857
192	-0.3193	244	-0.2823	326	0.1007
193	-0.3193	245	-0.1873	327	0.1017
194	-0.3223	246	-0.1623	328	0.1017
195	-0.3203	247	-0.1253	329	0.1007
196	-0.3233	248	-0.0043	330	0.1027
197	-0.3223	249	-0.1563	331	0.0997
198	-0.3233	250	-0.1143	332	0.1027
199	-0.3253	251	-0.0013	333	0.1017
200	-0.3213	252	0.0677	334	0.0987
201	-0.3183	253	0.4167	335	0.1017
202	-0.3153	254	0.3407	336	0.0977
203	-0.3143	255	-0.5343	337	0.0967
204	-0.3153	256	-0.4903	338	0.1007
205	0.1977	257	-0.4603	339	0.1037
206	0.1997	258	-0.4043	340	0.1017
207	0.2267	259	-0.3493	341	0.1017
208	0.2467	260	-0.2793	350	0.1017
210	0.1607	261	-0.1363	351	0.0947
211	0.2637	262	-0.0443	352	0.0947
212	0.3047	263	-0.1713	353	0.0977
213	0.0997	264	0.0427	354	0.0947
214	0.0987	265	0.2007	355	0.0947
215	0.0967	266	0.2587		
216	0.0947	267	-0.1083		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1962
TUNNEL = 11
TEST NO. = 086
TEST PHASE = 2
RUN NUMBER = 321.
CONFIGURATION NO. = 17.
ANGLE OF MODEL ROLL(DEG) = 0.
MACH NUMBER = 1.355
TUNNEL DYNAMIC PRESSURE(PSF) = 830.
TUNNEL STAGNATION PRESSURE(PSF) = 1930.
TUNNEL STATIC PRESSURE(PSF) = 645.
REYNOLDS NUMBER PER FOOT = 3.9920E 06
MODEL ANGLE OF ATTACK(DEG) = 7.95
FIN ANGLE(DEG) = -0.
FREE-STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 560.

SCANIVALUE	CP(REF)
147	0.3299
247	0.3279
347	0.3289
447	0.3289
547	0.3289
647	0.3289
747	0.3289

ORF	CP	ORF	CP	ORF	CP
1	0.0789	52	0.0729	102	0.0769
2	0.0759	53	0.0729	103	0.0739
3	0.0729	54	0.0719	104	0.0739
4	0.0769	55	0.0779	105	0.0729
5	0.0749	56	0.0769	110	-0.0341
6	0.0759	57	0.0729	111	-0.0231
7	0.0749	58	0.0729	112	-0.0221
8	0.0749	59	0.0709	113	-0.0511
9	0.0749	60	0.0779	114	0.0769
10	0.0759	61	0.0749	115	0.0759
11	0.0749	62	0.0759	116	0.0749
12	0.0719	63	0.0739	117	0.0749
13	0.0729	64	0.0739	118	0.0759
14	0.0759	65	0.0729	119	0.0759
15	0.0759	66	0.0759	120	-0.1201
16	0.0749	67	0.0729	121	0.0719
17	0.0779	68	0.0749	122	0.0789
18	0.0769	69	0.0749	123	0.0759
19	0.0769	70	0.0749	124	-0.0721
20	0.0749	71	0.0719	125	-0.0861
21	0.0789	72	0.0719	126	-0.0581
22	0.0799	73	0.0709	127	-0.0751
23	0.0779	74	0.0709	128	-0.0641
24	0.0749	75	0.0729	129	-0.1371
25	0.0729	76	0.0739	135	-0.0721
26	0.0739	77	0.0729	136	-0.0741
27	0.0789	78	0.0709	137	-0.0651
28	0.0769	79	0.0739	138	-0.0061
29	0.0779	80	0.0739	139	-0.0061
30	0.0739	81	0.0749	140	-0.0031
32	0.0729	82	0.0709	141	0.1459
33	0.0739	83	0.0779	142	0.1429
34	0.0769	84	0.0749	143	0.1379
35	0.0759	85	0.0759	145	-0.0741
36	0.0749	86	0.0769	147	0.1419
37	0.0729	87	0.0749	151	0.0709
38	0.0759	88	0.0759	152	0.0119
39	0.0759	89	0.0749	153	-0.1361
40	0.0769	90	0.0739	154	-0.2421
41	0.0789	91	0.0729	155	0.3499
42	0.0769	92	0.0749	156	0.2289
43	0.0779	93	0.0749	157	0.0779
44	0.0749	94	0.0739	158	0.4419
45	0.0729	95	0.0749	159	0.3129
46	0.0759	96	0.0749	160	0.2599
47	0.0729	97	0.0759	161	0.1819
48	0.0749	98	0.0759	162	0.4279
49	0.0729	99	0.0769	163	0.3289
50	0.0739	100	0.0779	164	-0.0041
51	0.0729	101	0.0799	165	0.1539

ORF	CP	ORF	CP	ORF	CP
166	0.3499	217	0.0789	268	-0.0651
167	0.1639	218	0.0799	269	0.1549
168	0.1359	219	0.0789	270	0.2899
169	0.0649	220	0.0819	271	-0.1801
170	0.0859	221	0.2339	272	-0.1001
171	0.0349	222	-0.1401	273	0.2299
172	-0.0841	223	-0.3591	274	0.2939
173	-0.0921	224	-0.3601	275	0.2659
174	-0.1831	225	0.2899	276	0.2819
175	-0.2151	226	0.2069	277	0.1889
176	-0.3681	227	-0.4681	278	-0.5831
177	-0.0101	228	-0.3971	279	-0.5501
178	-0.0431	229	-0.2951	280	-0.5281
179	0.0279	230	-0.1701	281	-0.4631
180	-0.3191	231	-0.1131	282	-0.3691
181	0.1889	232	-0.1141	283	-0.2661
182	0.3399	233	-0.1471	284	-0.1391
183	0.1259	234	-0.0851	285	-0.1391
184	0.3269	235	-0.1801	286	-0.1431
185	0.4239	236	-0.1681	287	-0.0481
186	0.4969	237	-0.2321	288	0.2109
187	0.4849	238	-0.1981	289	0.2299
188	0.5019	239	0.3019	290	0.1749
189	0.5169	240	0.2469	291	-0.1271
190	-0.3231	241	-0.5271	292	0.0639
191	-0.3491	242	-0.4641	325	0.0639
192	-0.3241	244	-0.2231	326	0.0769
193	-0.3241	245	-0.1611	327	0.0829
194	-0.3261	246	-0.1701	328	0.0739
195	-0.3331	247	-0.1761	329	0.0789
196	-0.3351	248	-0.0511	330	0.0769
197	-0.3281	249	-0.1771	331	0.0759
198	-0.3301	250	-0.1501	332	0.0759
199	-0.3291	251	-0.0501	333	0.0729
200	-0.3341	252	0.0119	334	0.0769
201	-0.3261	253	0.3749	335	0.0749
202	-0.3211	254	0.2879	336	0.0759
203	-0.3201	255	-0.5481	337	0.0759
204	-0.3191	256	-0.5031	338	0.0779
205	0.1549	257	-0.4651	339	0.0779
206	0.1549	258	-0.4031	340	0.0749
207	0.2229	259	-0.3381	341	0.0789
208	0.1929	260	-0.2511	350	0.0799
210	0.2119	261	-0.1471	351	0.0809
211	0.3419	262	-0.0521	352	0.0849
212	0.3739	263	-0.2381	353	0.0809
213	0.0739	264	-0.0401	354	0.0819
214	0.0739	265	0.1329	355	0.0809
215	0.0739	266	0.1709		
216	0.0769	267	-0.2061		

SATURN 1B PRESSURE OUTPUT

DATA POINT CORRELATION NO. = 1963

TUNNEL = 11

TEST NO. = 086

TEST PHASE = 2

RUN NUMBER = 321.

CONFIGURATION NO. = 17.

ANGLE OF MODEL ROLL(DEG) = 0.

MACH NUMBER = 1.348

TUNNEL DYNAMIC PRESSURE(PSF) = 831.

TUNNEL STAGNATION PRESSURE(PSF) = 1932.

TUNNEL STATIC PRESSURE(PSF) = 653.

REYNOLDS NUMBER PER FOOT = 4.0000E 06

MODEL ANGLE OF ATTACK(DEG) = 11.95

FIN ANGLE(DEG) = -0.

FREE-STREAM TOTAL TEMPERATURE(DEG. RANKINE) = 560.

SCANIVALUE	CP(REF)
147	0.3202
247	0.3182
347	0.3192
447	0.3192
547	0.3202
647	0.3192
747	0.3192

ORF	CP	ORF	CP	ORF	CP
1	0.0832	52	0.0782	102	0.0802
2	0.0832	53	0.0802	103	0.0792
3	0.0862	54	0.0802	104	0.0842
4	0.0882	55	0.0772	105	0.0822
5	0.0782	56	0.0802	110	0.0082
6	0.0792	57	0.0792	111	0.0122
7	0.0802	58	0.0842	112	0.0152
8	0.0802	59	0.0812	113	-0.0188
9	0.0812	60	0.0802	114	0.0732
10	0.0802	61	0.0792	115	0.0762
11	0.0832	62	0.0792	116	0.0752
12	0.0802	63	0.0792	117	0.0782
13	0.0792	64	0.0772	118	0.0752
14	0.0792	65	0.0772	119	0.0792
15	0.0812	66	0.0772	120	-0.1488
16	0.0812	67	0.0792	121	0.0762
17	0.0802	68	0.0802	122	0.0782
18	0.0812	69	0.0792	123	0.0752
19	0.0812	70	0.0792	124	-0.1068
20	0.0802	71	0.0802	125	-0.1258
21	0.0792	72	0.0832	126	-0.1028
22	0.0782	73	0.0782	127	-0.1108
23	0.0812	74	0.0772	128	-0.1018
24	0.0822	75	0.0742	129	-0.1698
25	0.0872	76	0.0752	135	-0.1068
26	0.0822	77	0.0712	136	-0.1098
27	0.0812	78	0.0742	137	-0.1028
28	0.0792	79	0.0742	138	-0.0018
29	0.0802	80	0.0792	139	-0.0008
30	0.0862	81	0.0772	140	-0.0008
32	0.0792	82	0.0772	141	0.1482
33	0.0792	83	0.0822	142	0.1452
34	0.0792	84	0.0832	143	0.1352
35	0.0812	85	0.0862	145	-0.1108
36	0.0762	86	0.0852	147	0.1412
37	0.0742	87	0.0782	151	0.0732
38	0.0732	88	0.0772	152	0.0072
39	0.0772	89	0.0782	153	-0.0868
40	0.0782	90	0.0782	154	-0.1748
41	0.0802	91	0.0802	155	0.0942
42	0.0782	92	0.0802	156	0.0982
43	0.0822	93	0.0792	157	0.0022
44	0.0822	94	0.0802	158	0.1622
45	0.0862	95	0.0812	159	0.2202
46	0.0842	96	0.0782	160	0.1452
47	0.0772	97	0.0802	161	0.0522
48	0.0772	98	0.0782	162	0.2602
49	0.0792	99	0.0802	163	0.2052
50	0.0792	100	0.0822	164	-0.0008
51	0.0792	101	0.0782	165	-0.0088

ORF	CP	ORF	CP	ORF	CP
166	0.3332	217	0.0782	268	-0.1498
167	0.0392	218	0.0772	269	0.0342
168	-0.0448	219	0.0742	270	0.0592
169	-0.0698	220	0.0782	271	-0.2818
170	-0.1008	221	0.1802	272	-0.1568
171	-0.0818	222	-0.2228	273	0.0512
172	-0.1668	223	-0.3608	274	0.1262
173	-0.1698	224	-0.3648	275	0.0362
174	-0.2338	225	0.3352	276	0.2092
175	-0.2778	226	0.2802	277	0.1162
176	-0.4018	227	-0.4788	278	-0.6068
177	-0.0138	228	-0.3998	279	-0.5778
178	-0.0228	229	-0.3118	280	-0.5588
179	0.0052	230	-0.1988	281	-0.5138
180	-0.3308	231	-0.1528	282	-0.4828
181	0.1462	232	-0.1448	283	-0.4118
182	0.2352	233	-0.1828	284	-0.2598
183	0.1182	234	-0.2188	285	-0.1828
184	0.2872	235	-0.2538	286	-0.2528
185	0.3902	236	-0.2468	287	-0.1378
186	0.5052	237	-0.2628	288	0.0922
187	0.5412	238	-0.2488	289	0.1612
188	0.5252	239	0.2912	290	0.0632
189	0.5192	240	0.2412	291	-0.0398
190	-0.3358	241	-0.4758	292	0.1222
191	-0.3668	242	-0.3758	325	0.0642
192	-0.3328	244	-0.2248	326	0.0782
193	-0.3328	245	-0.2308	327	0.0782
194	-0.3328	246	-0.2358	328	0.0772
195	-0.3478	247	-0.2658	329	0.0762
196	-0.3478	248	-0.2488	330	0.0772
197	-0.3358	249	-0.2678	331	0.0772
198	-0.3378	250	-0.2248	332	0.0762
199	-0.3378	251	-0.1528	333	0.0772
200	-0.3458	252	-0.0468	334	0.0742
201	-0.3338	253	0.3652	335	0.0772
202	-0.3288	254	0.2562	336	0.0772
203	-0.3298	255	-0.5728	337	0.0762
204	-0.3348	256	-0.5388	338	0.0782
205	0.1442	257	-0.5108	339	0.0782
206	0.1502	258	-0.4658	340	0.0772
207	0.1572	259	-0.4008	341	0.0762
208	0.0192	260	-0.3568	350	0.0772
210	0.1952	261	-0.3148	351	0.0772
211	0.3902	262	-0.1748	352	0.0752
212	0.4332	263	-0.2768	353	0.0732
213	0.0782	264	-0.1998	354	0.0782
214	0.0792	265	0.0412	355	0.0752
215	0.0792	266	0.0622		
216	0.0762	267	-0.3078		

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